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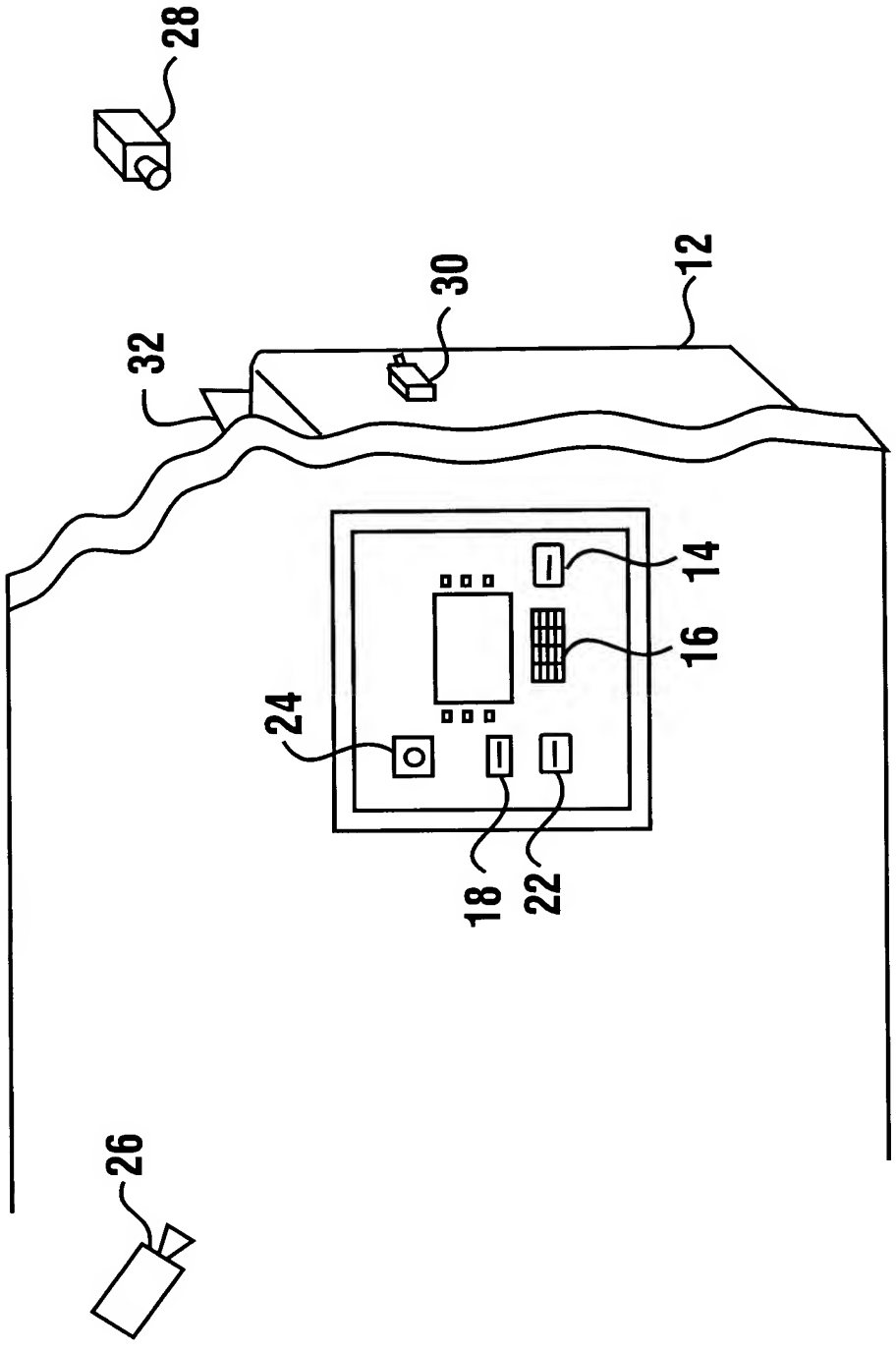

FIG. 1

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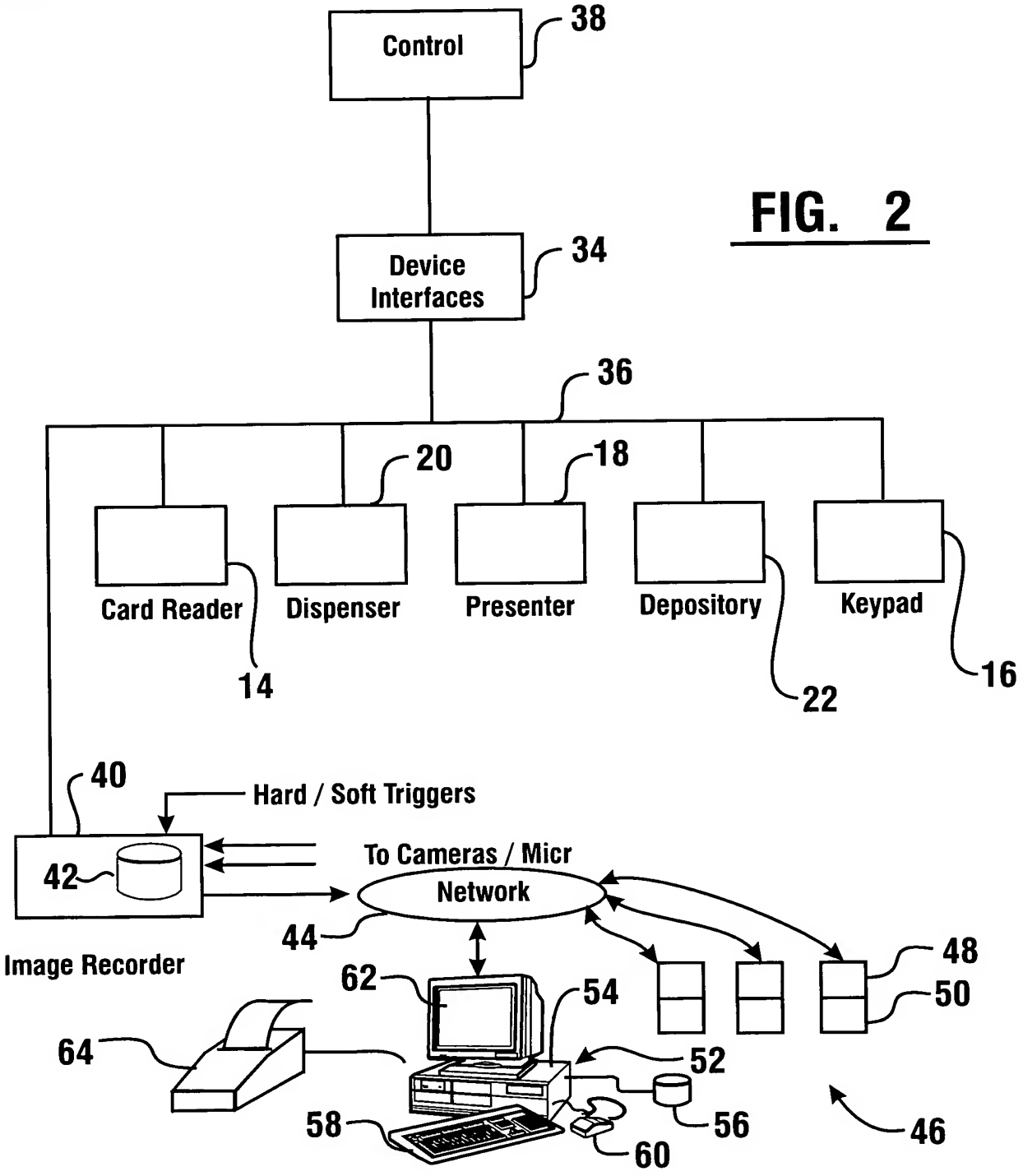

FIG. 2

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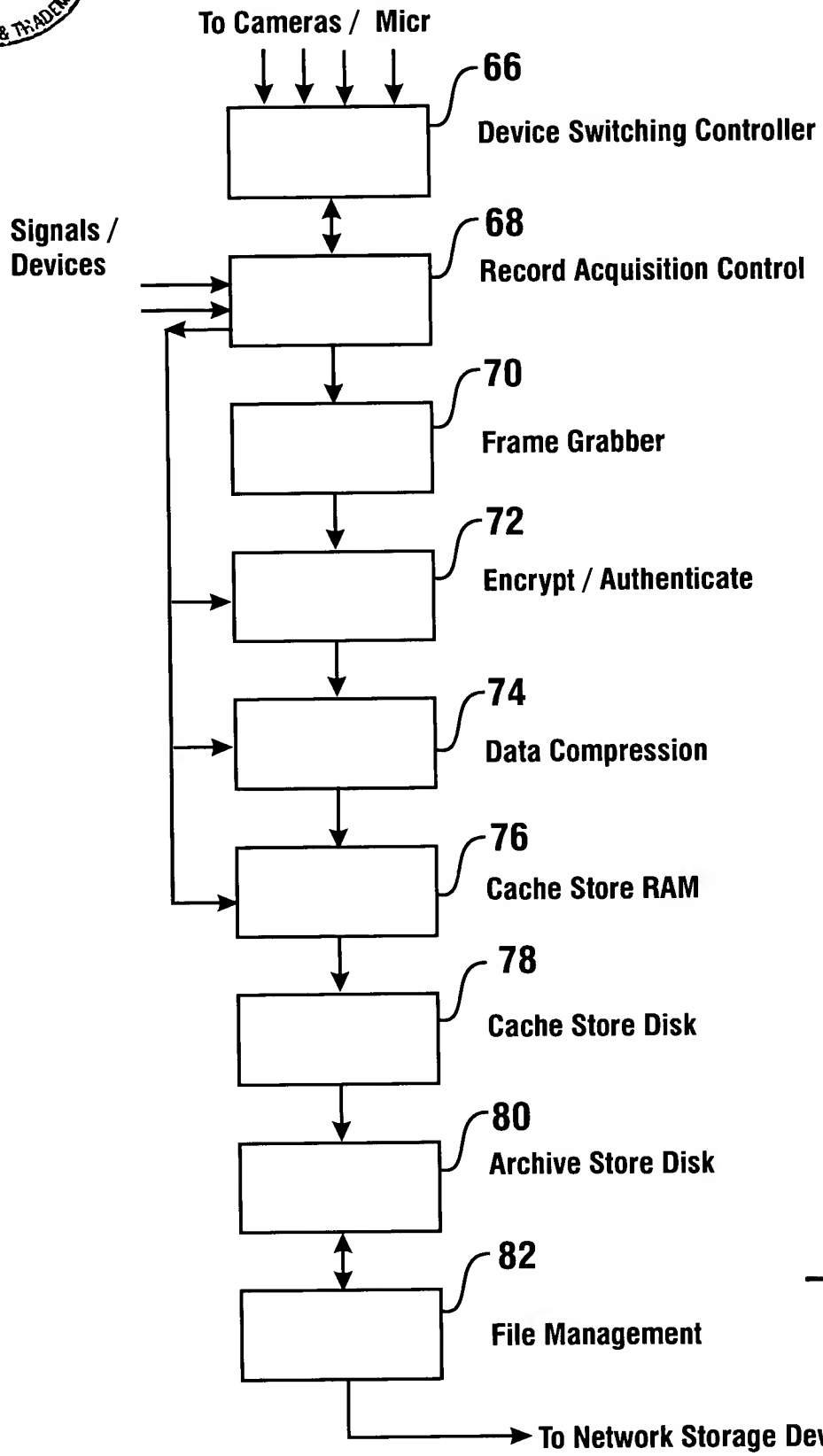

FIG. 3

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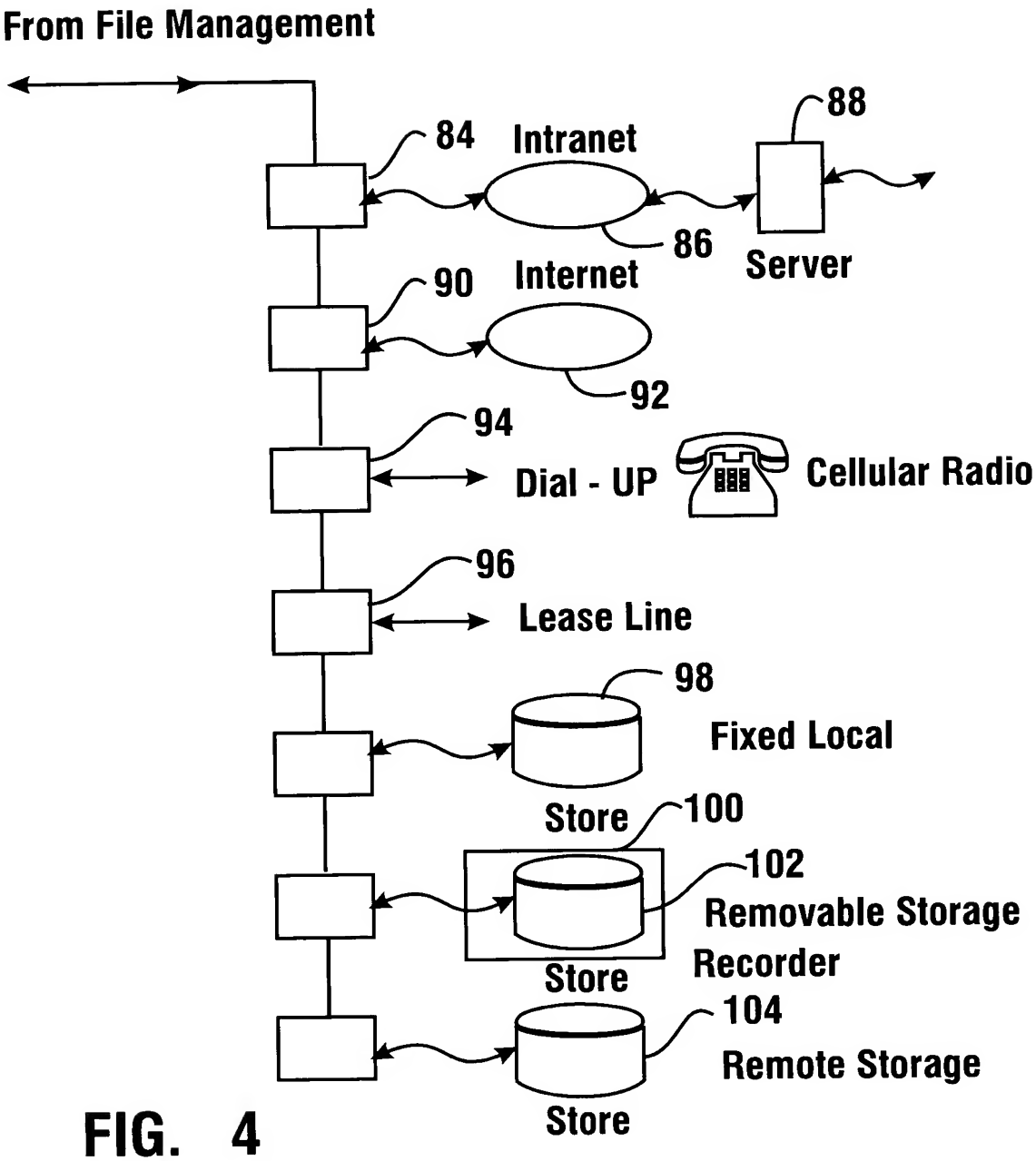

FIG. 4

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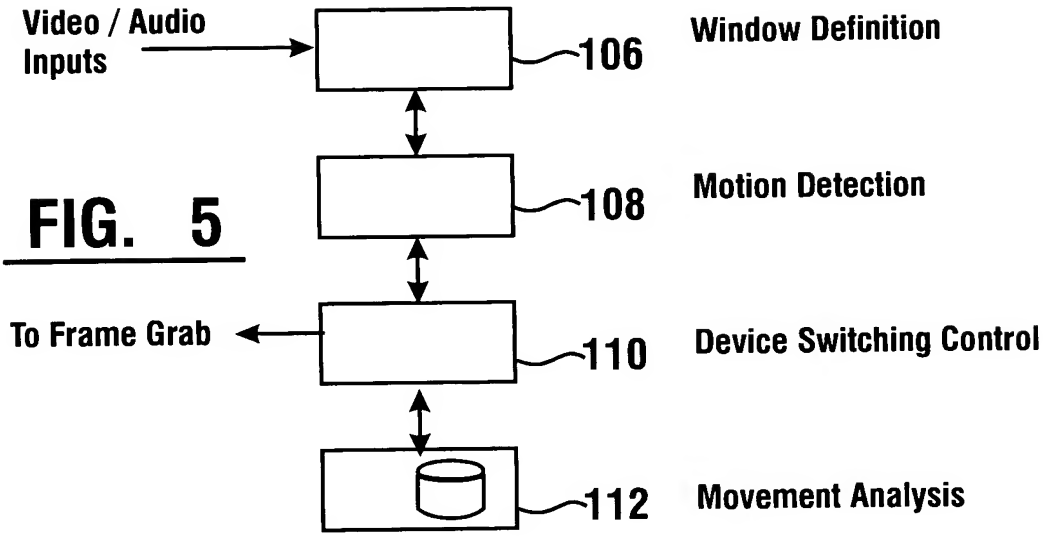

FIG. 5

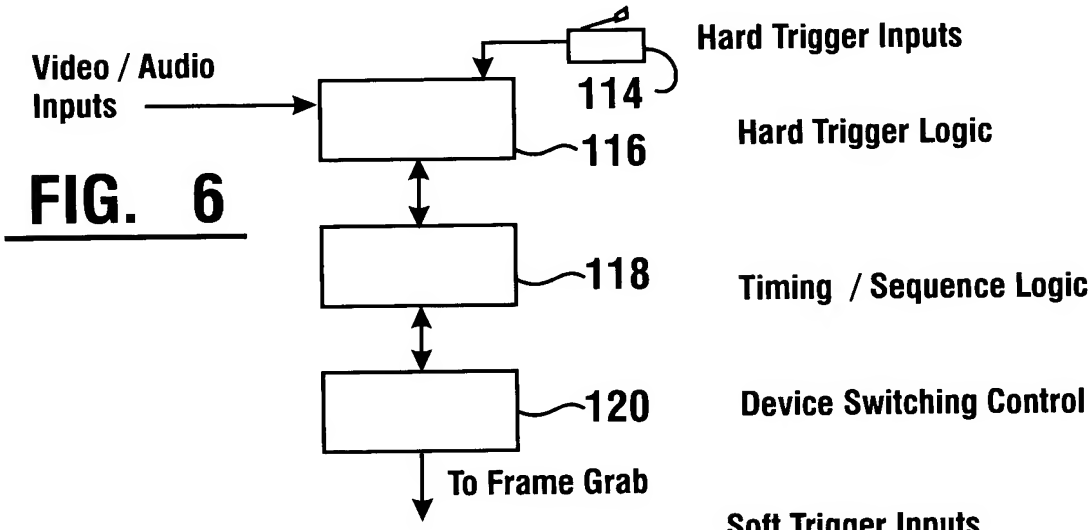

FIG. 6

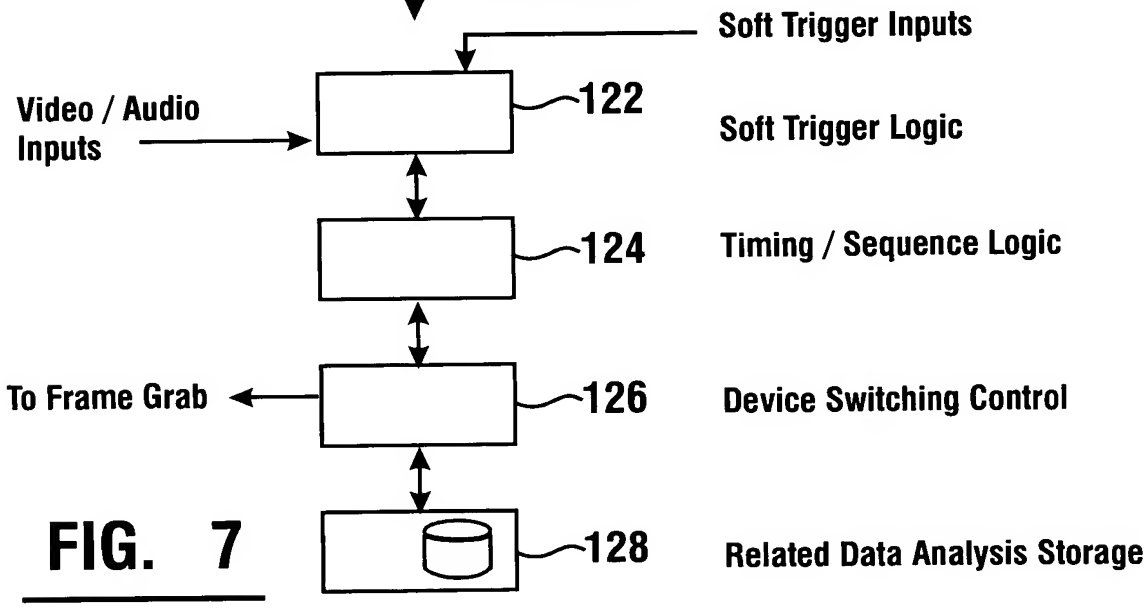

FIG. 7

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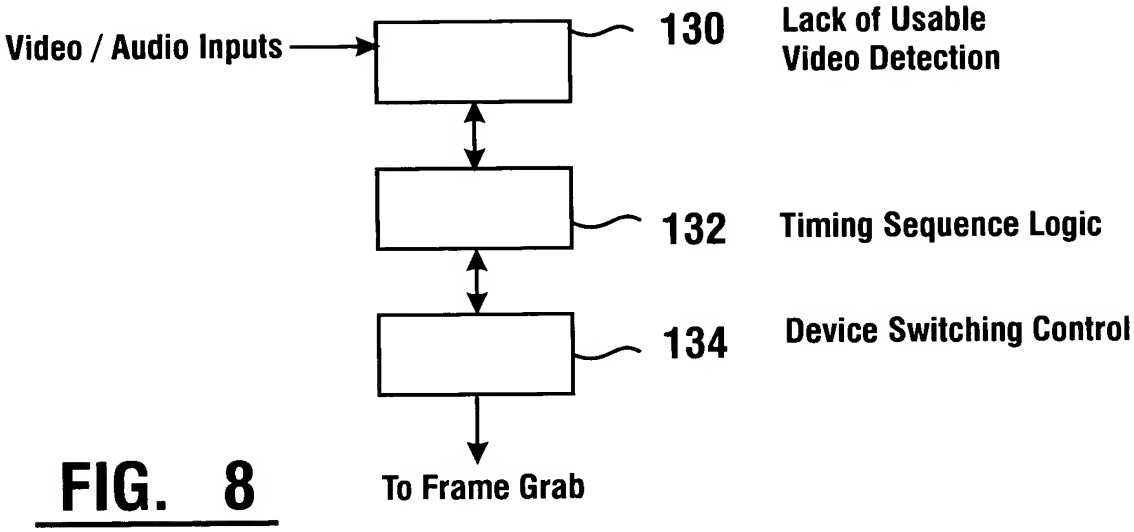

FIG. 8

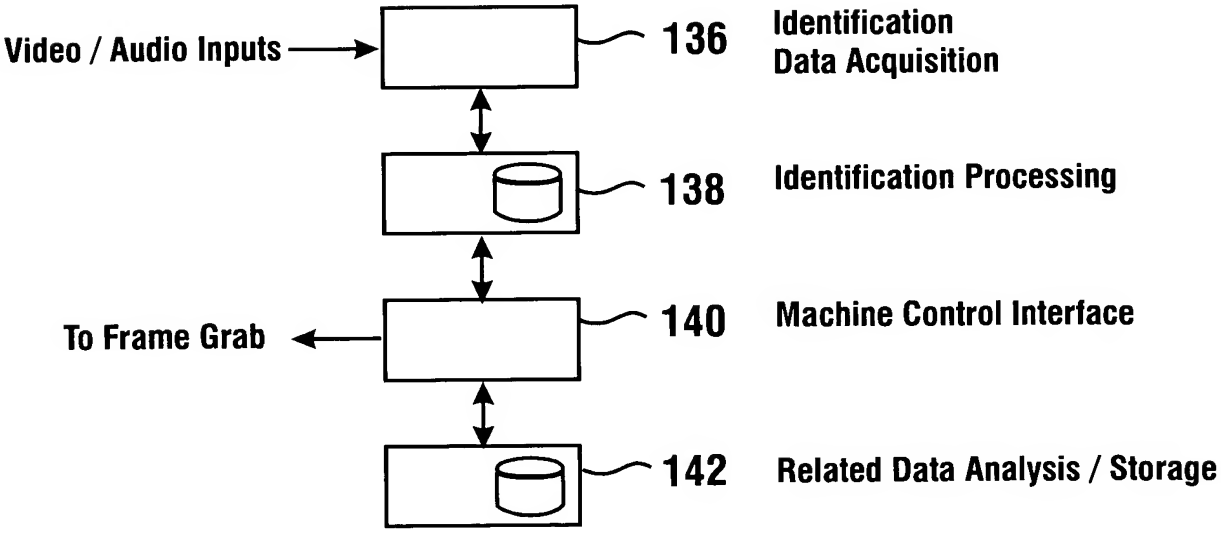

FIG. 9

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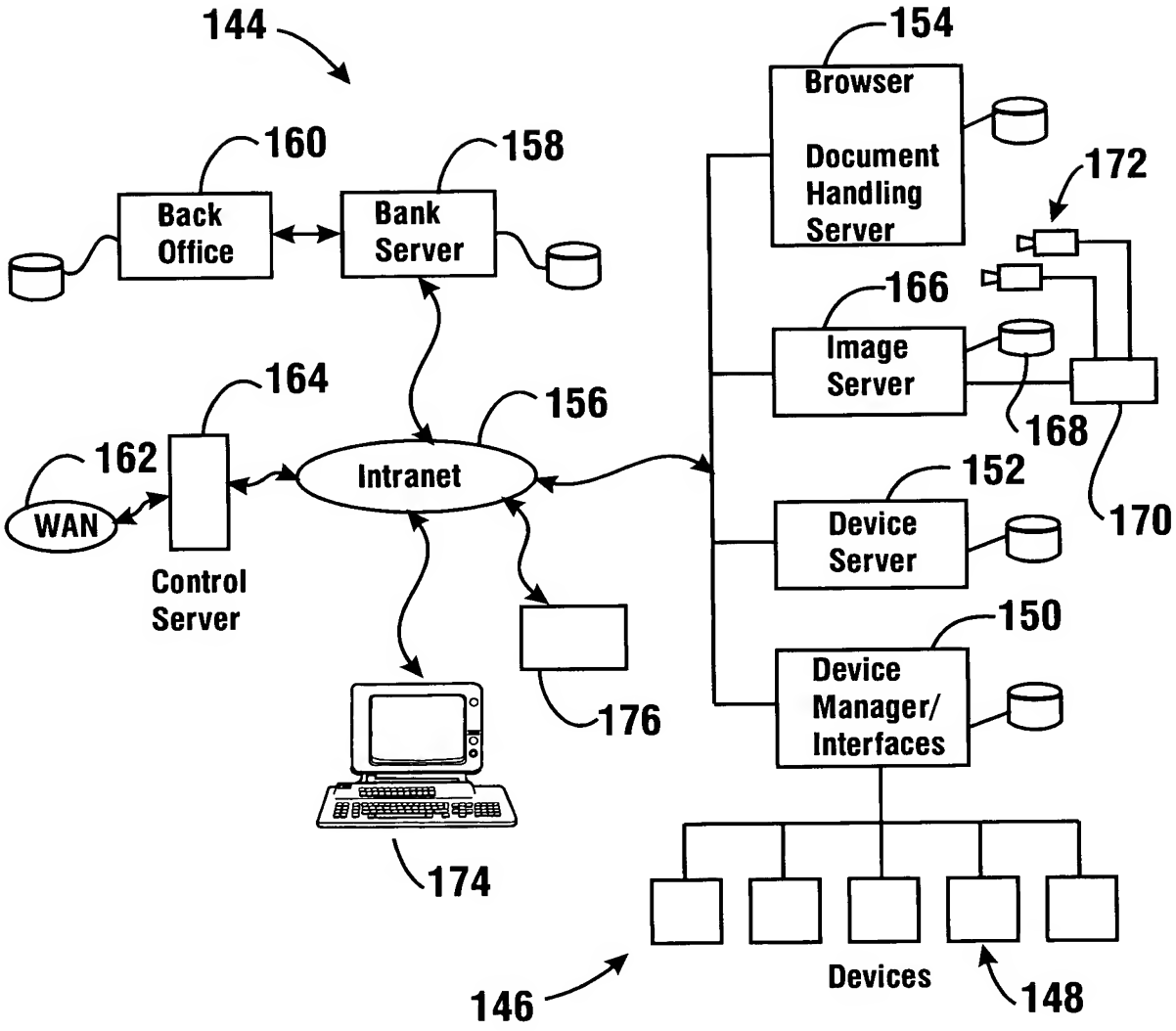

FIG. 10

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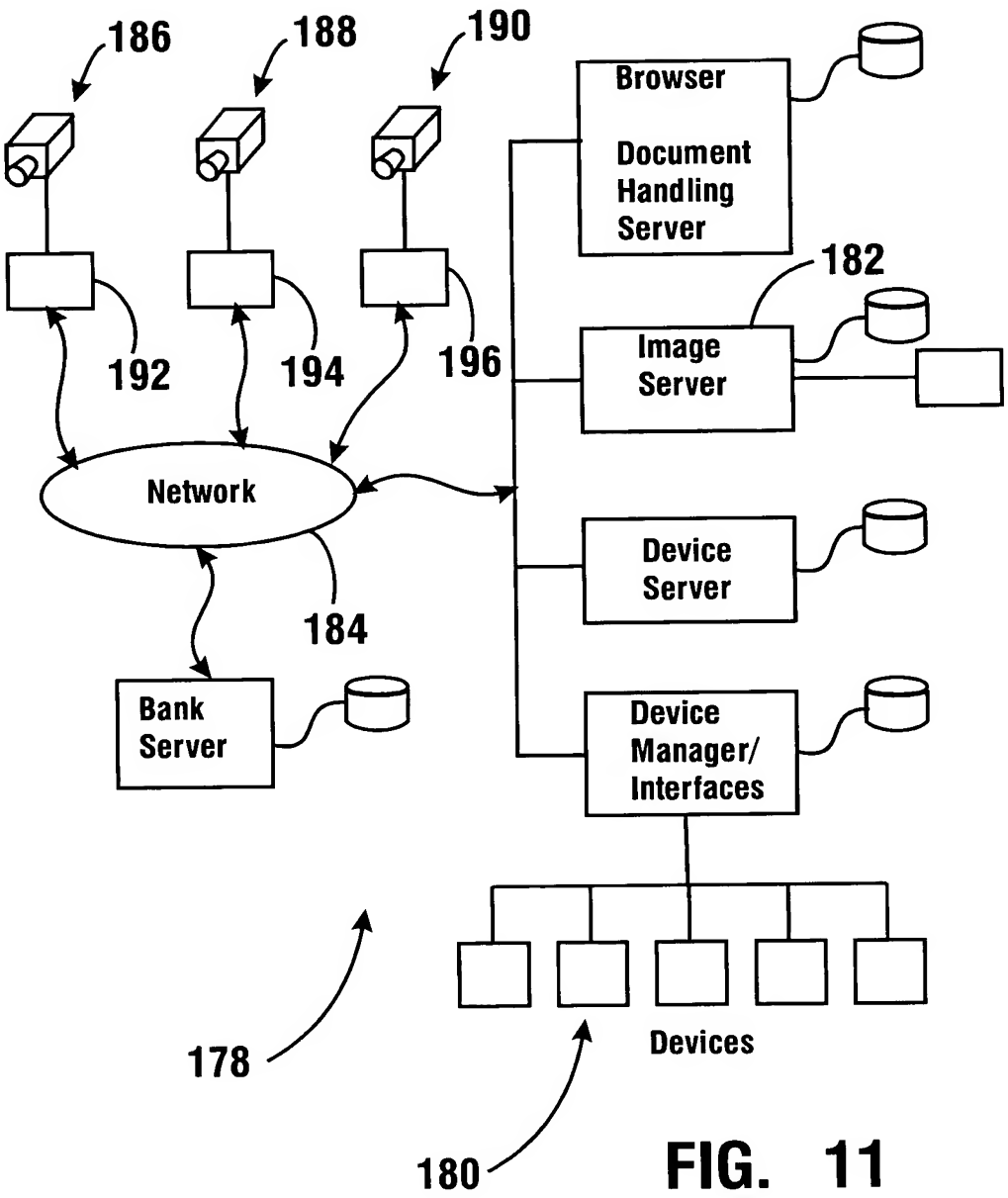

FIG. 11

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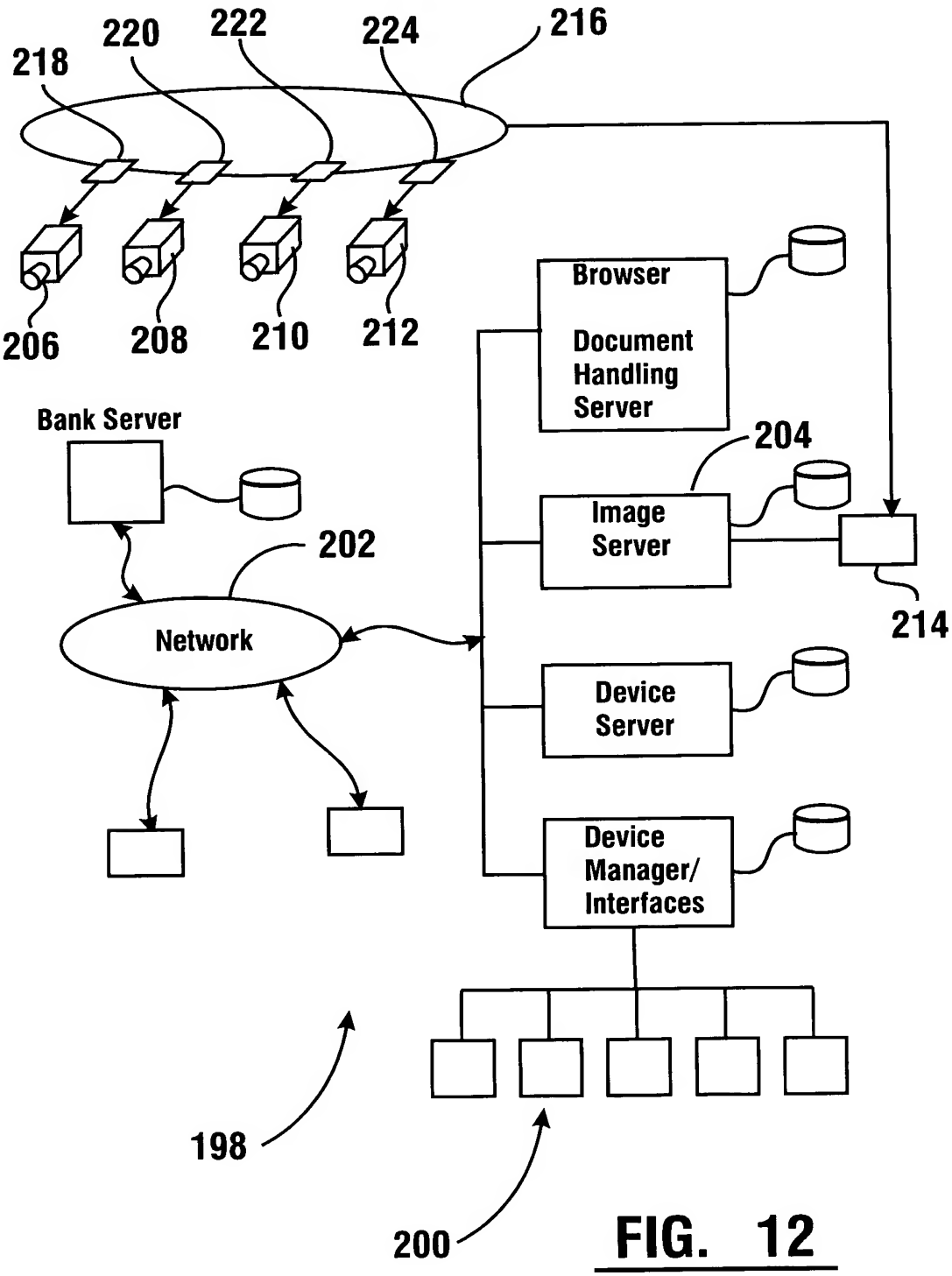

FIG. 12

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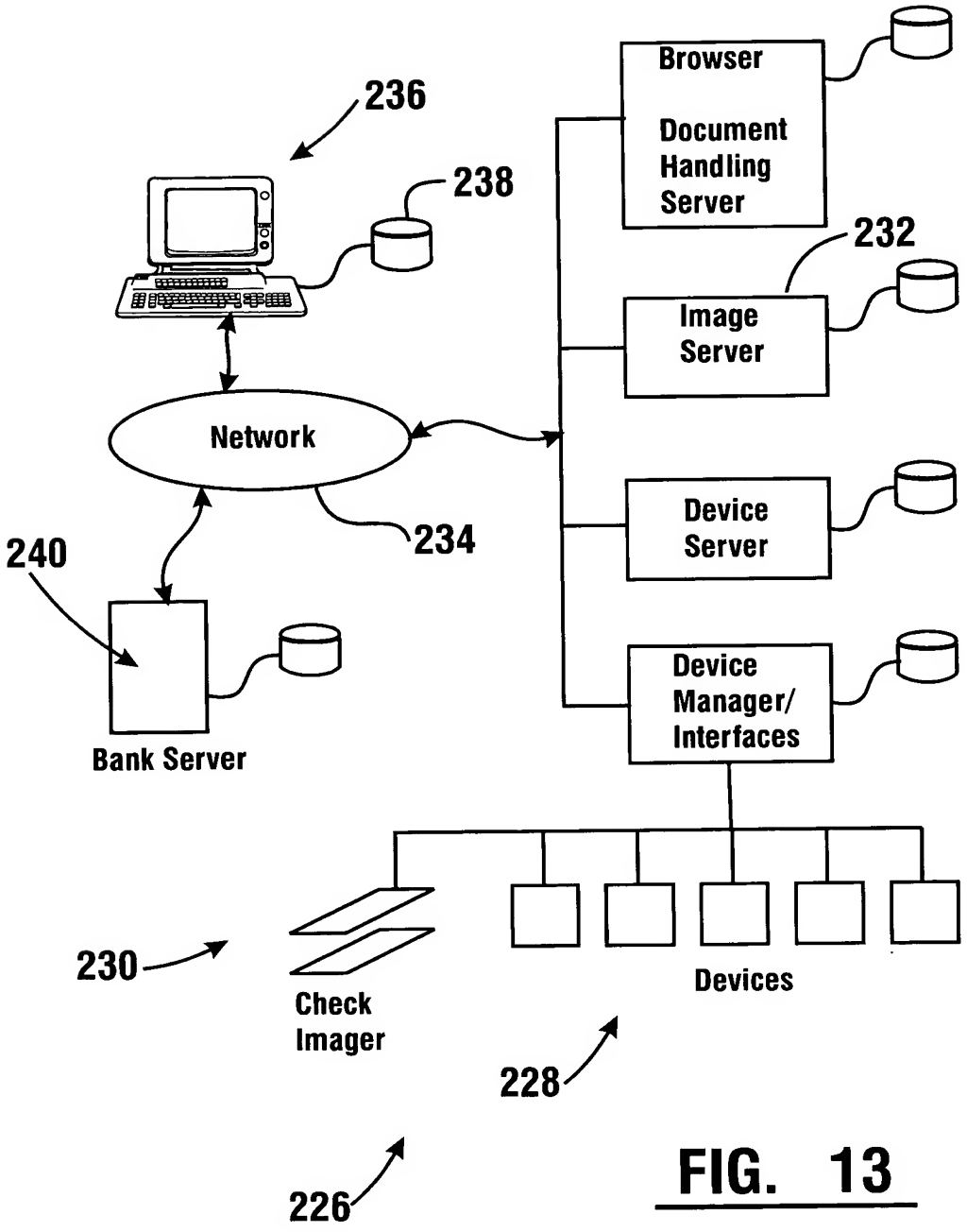

FIG. 13

OIPE JC67
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PATENT & TRADEMARK OFFICE

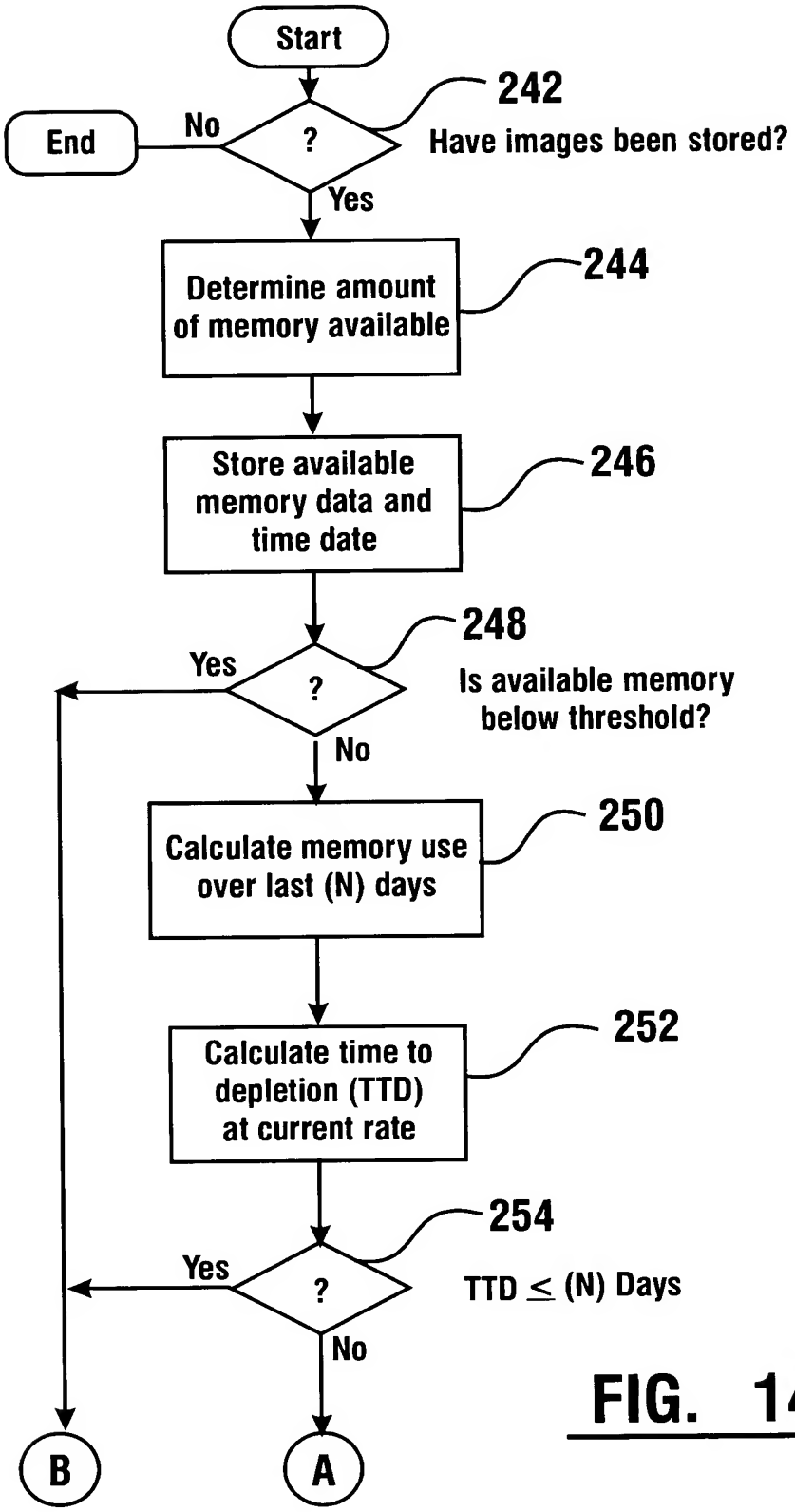

FIG. 14

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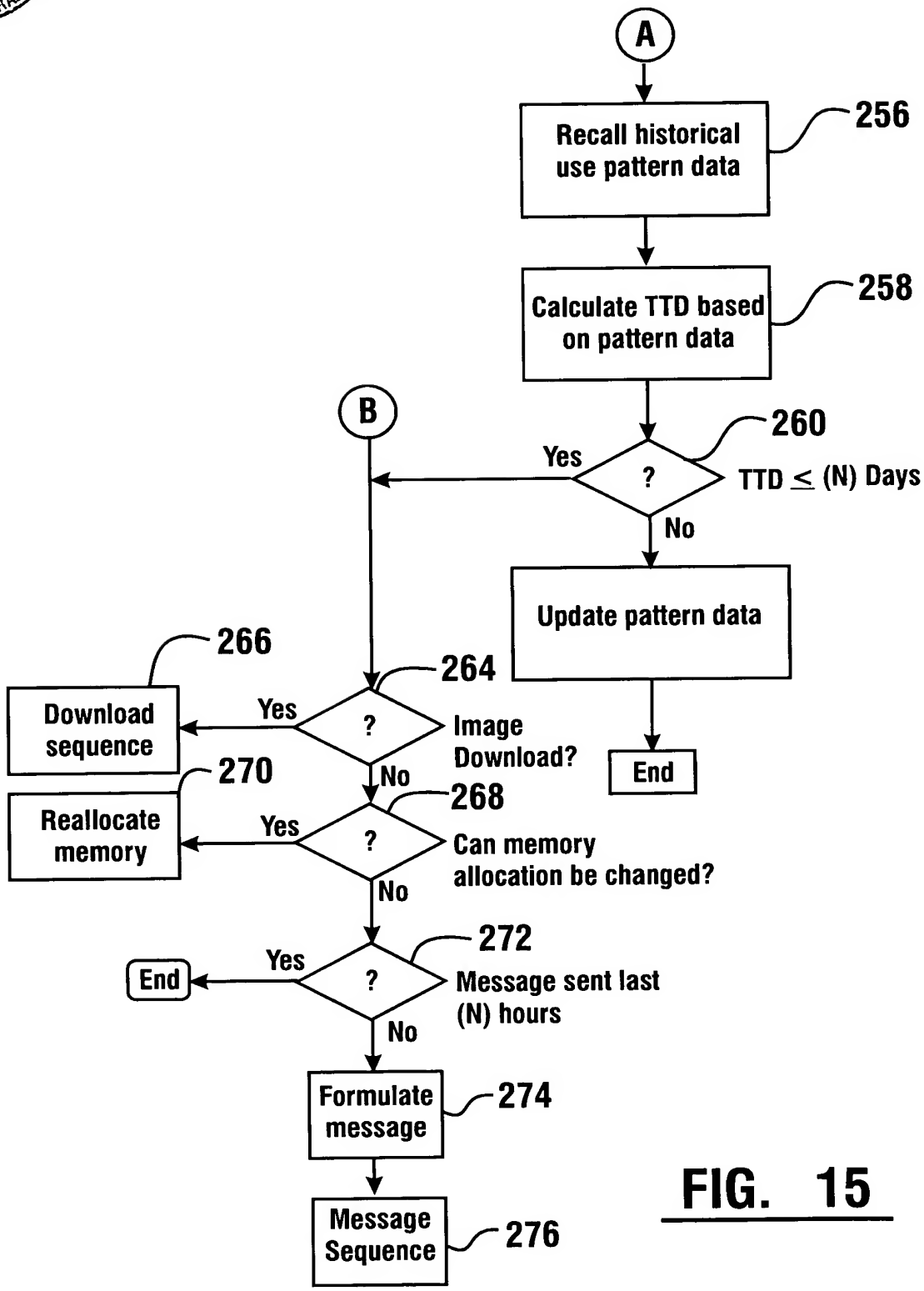

FIG. 15

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Menu Item	Description	Privideges		
		Admin.	Operator	Service
Image Search	Search for images stored on the hard disk drive of AccuTrack	✓	✓	—
View Log Files	View the system's log files for the diagnostics and log on activity	✓	✓	✓
Camera Setup	Set up custom names for the cameras that are easily identifiable.	✓	—	—
E-mail Setup	Set up e-mail addresses for use in sequences. During equences, you can automatically send a system-written message to the appropriate personal.	✓	—	—
User Access Setup	Add delete, and change user IDs, passwords and access rights	✓	—	—
ATM Setup	Set up the communications for any ATM connections.	✓	—	—
Sequence Setup	Set up sequences for the camera routines and for alarms	✓	—	—
Motion Setup	Define the areas for cameras that detect motion.	✓	—	—
Image Removal	Delete selected old images on AccuTrack to make room for new images.	✓	—	—
Diagnostics	Check systems diagnostics. Often used to trouble shoot the system.	✓	—	✓
Apply Changes	Apply all recent configuration changes made to the system. Note that during application of the changes, recording of images will be temporarily halted.	✓	—	✓
Help	Access to on-line help.	✓	✓	✓

FIG. 16

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PATENT & TRADEMARK OFFICE

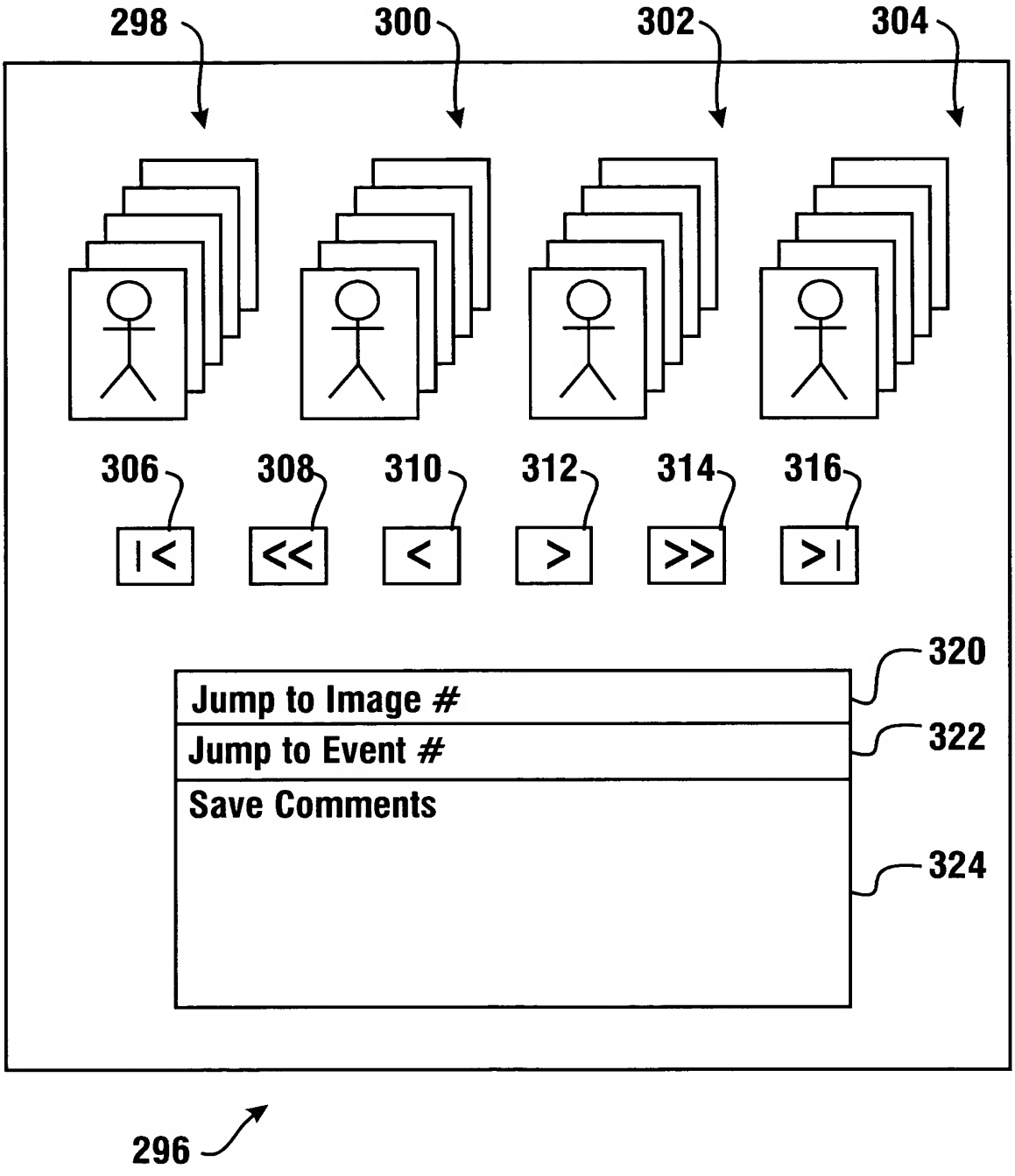

FIG. 17

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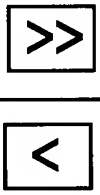
Buttons	Description
	Use these button to go to the beginning or the end of a series of events or images (depending on the direction of the arrow).
	Use these buttons to go forward or backward by ten events or images (depending on the direction of the arrow).
	Use these buttons to go forward or backward by one event or image (depending on the direction of the arrow).
Jump to Image # Jump to Event #	Type the number of the image or events you want to view, and click on this button to display that image as the large image. The image or event number displays next to each thumbnail frame (for example, Image 7 of 48).
Save Comments	To store comments with the image, type your comments in the comments field, and click on this button. The next time this image is retrieved, the comments display with the image.

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FIG. 18

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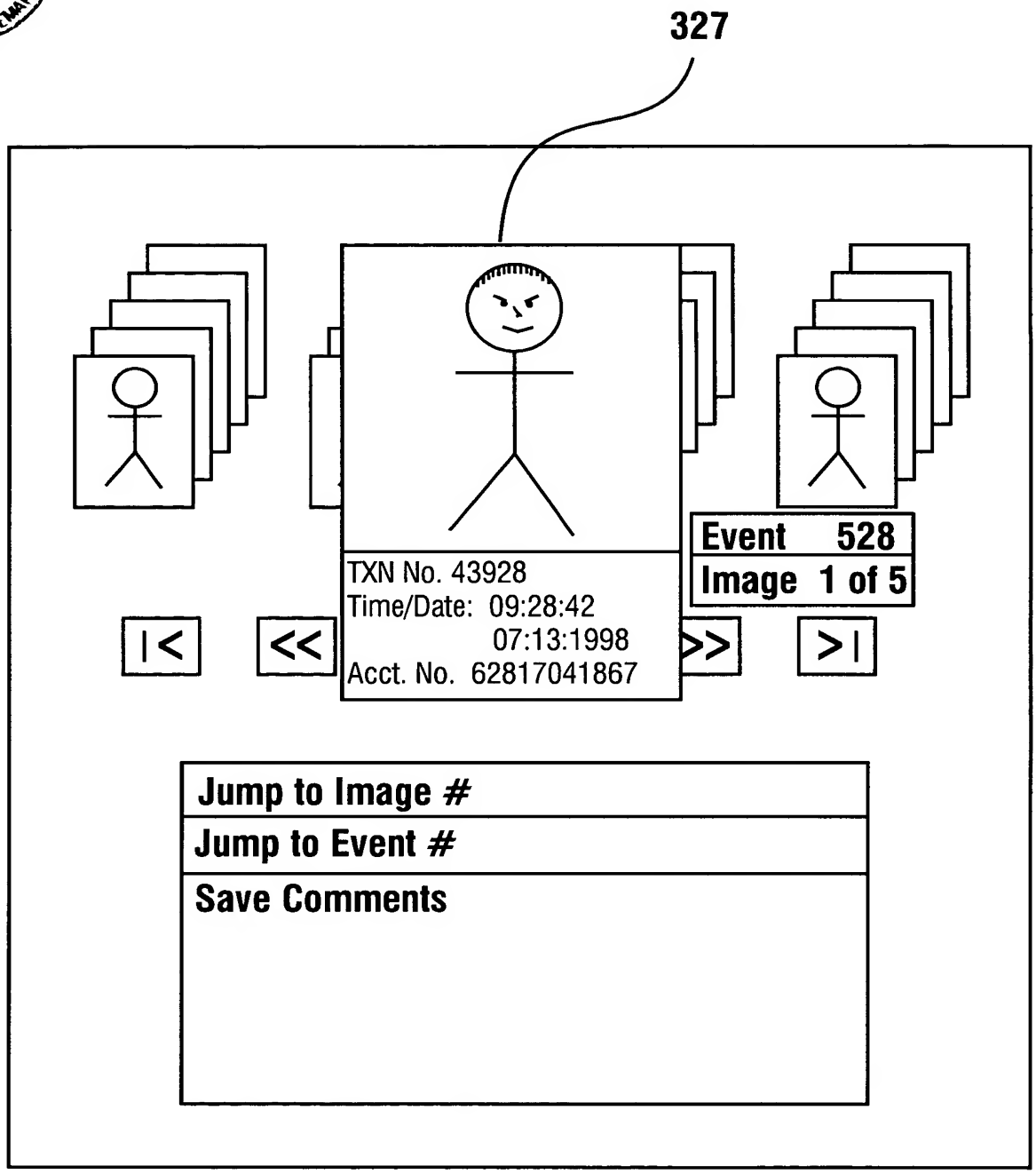

FIG. 19

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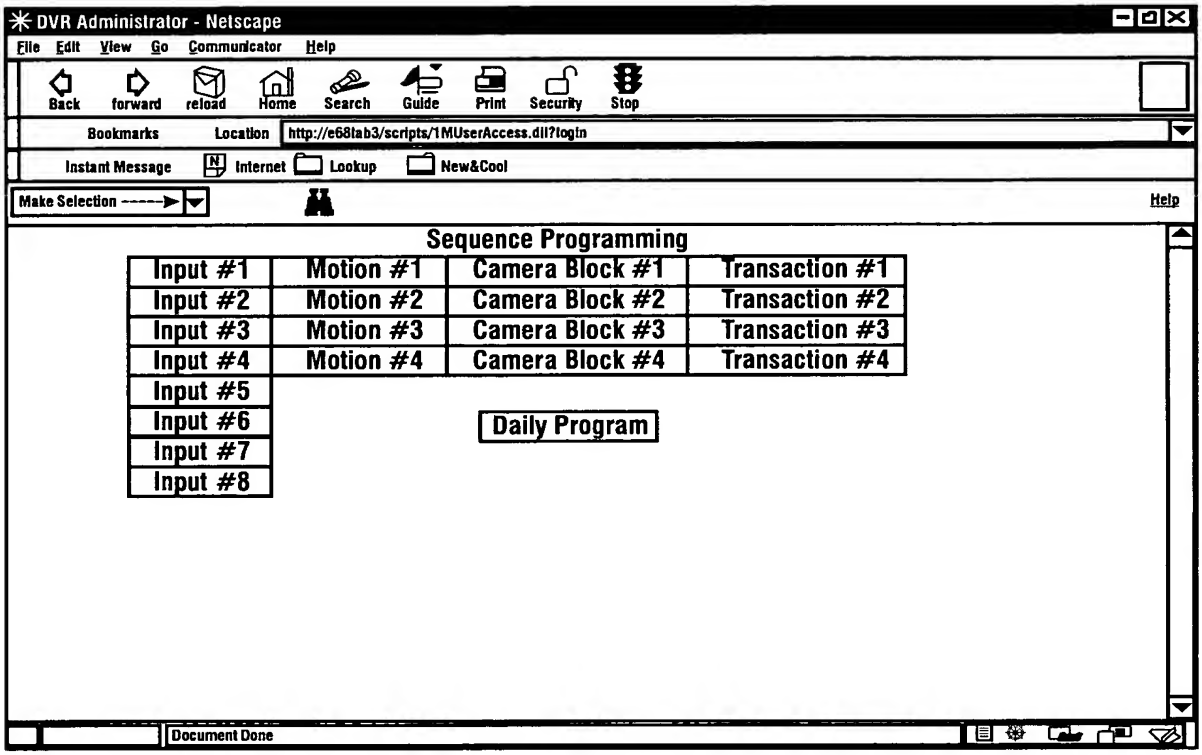

FIG. 20

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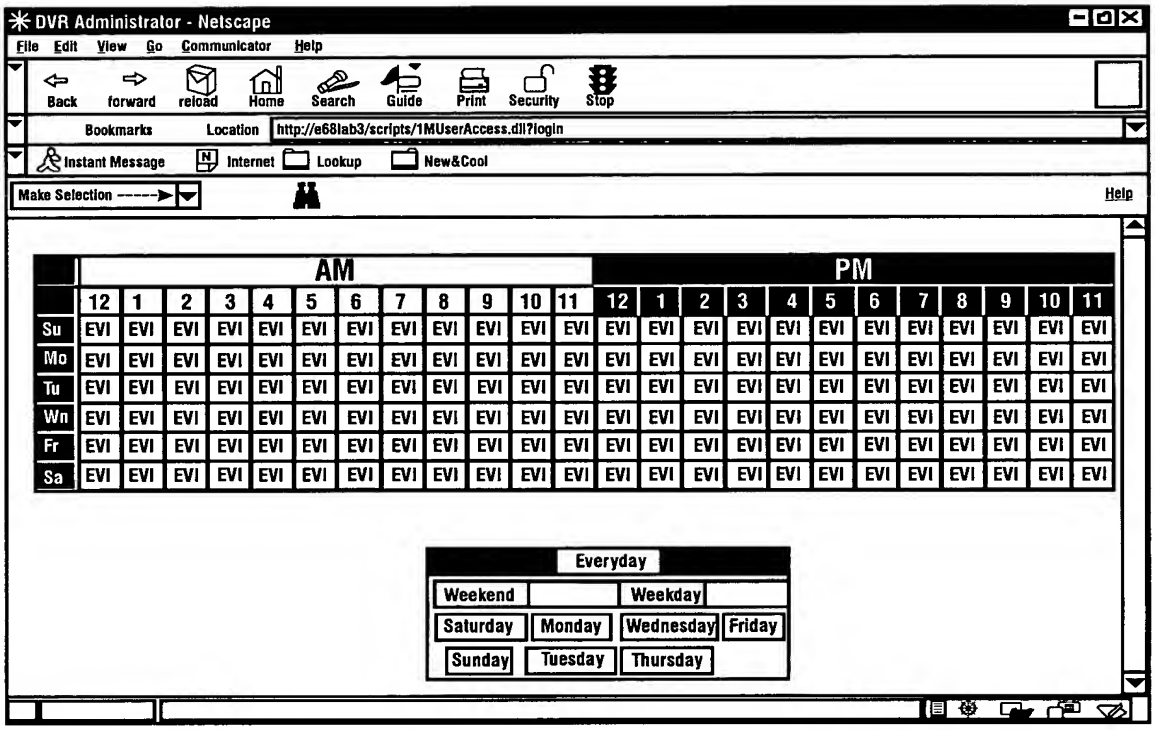

FIG. 21

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OIPE JC67
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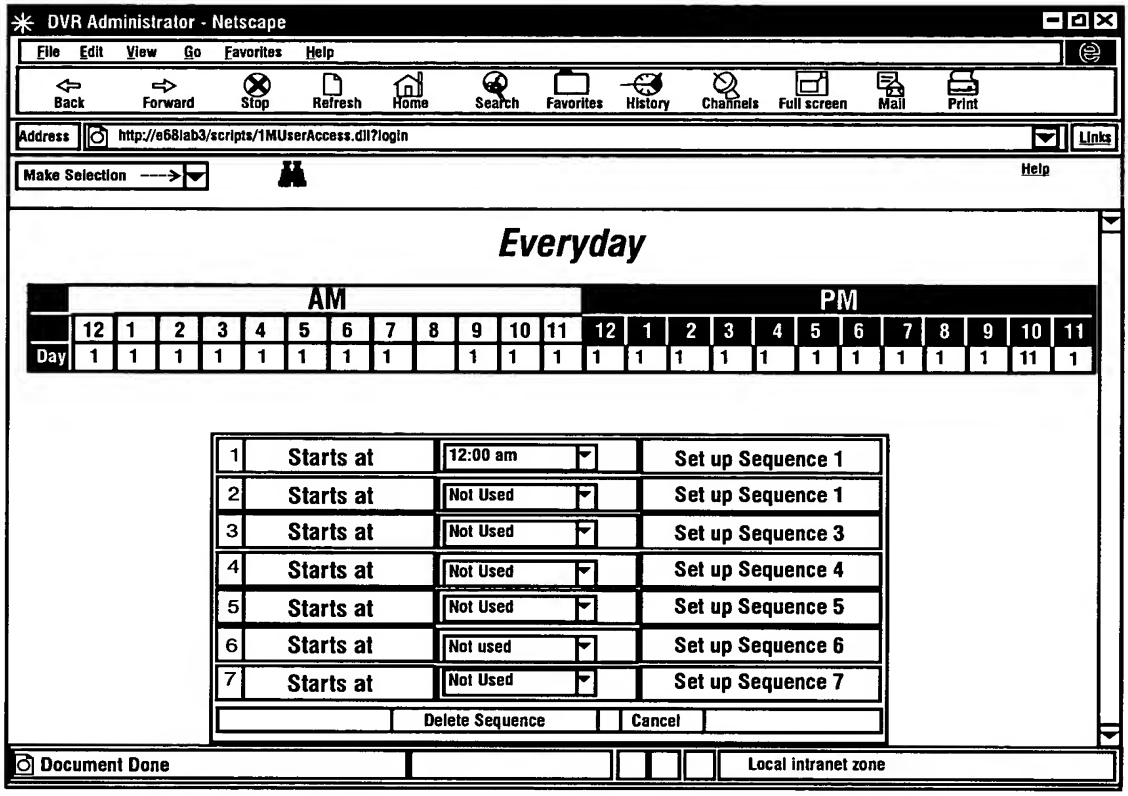

FIG. 22

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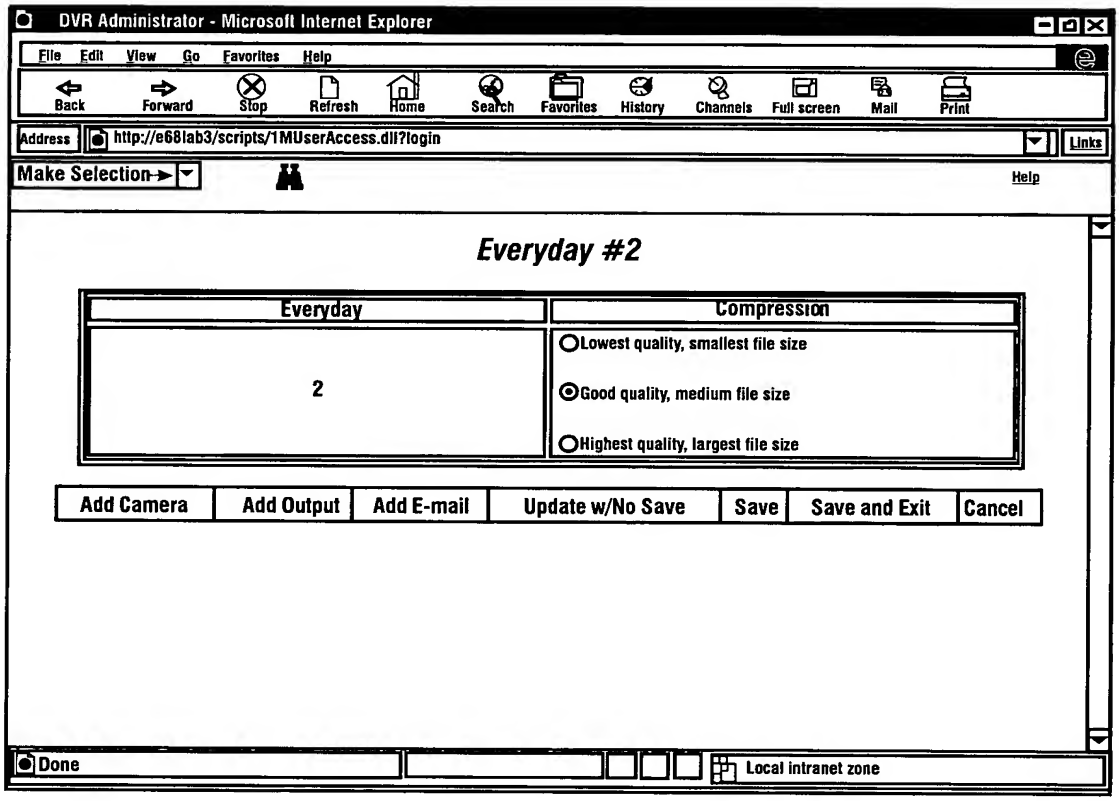

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FIG. 23

OIPE JC67
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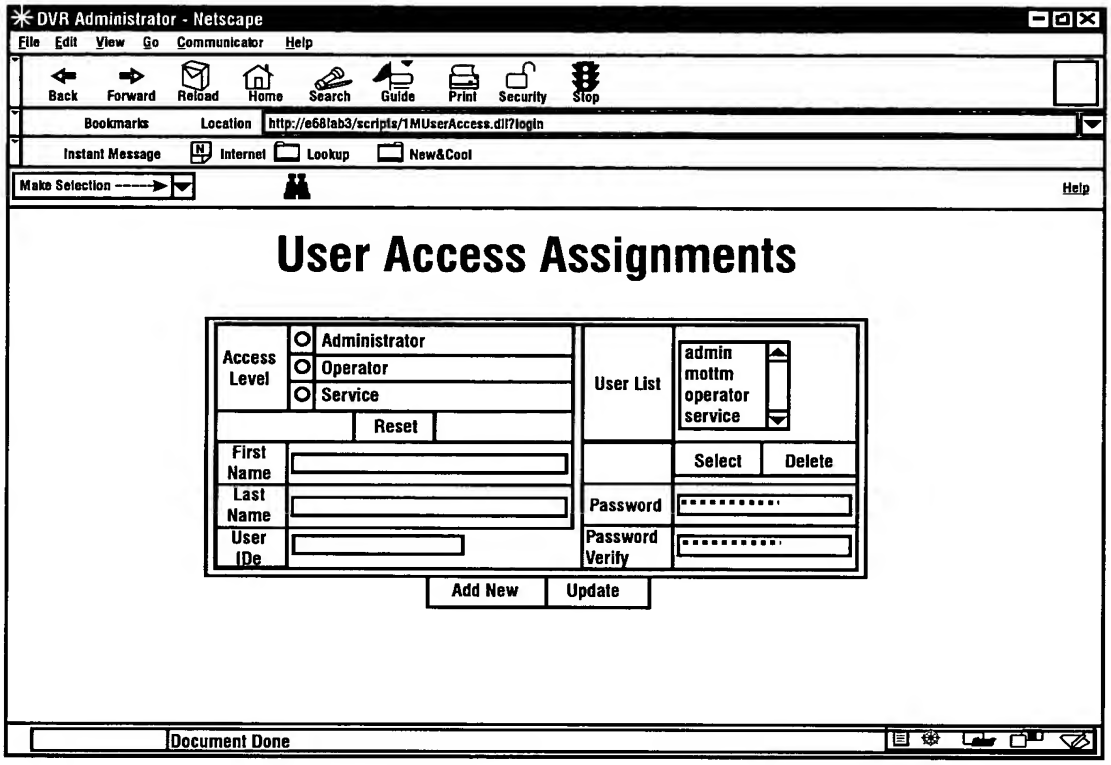

FIG. 24

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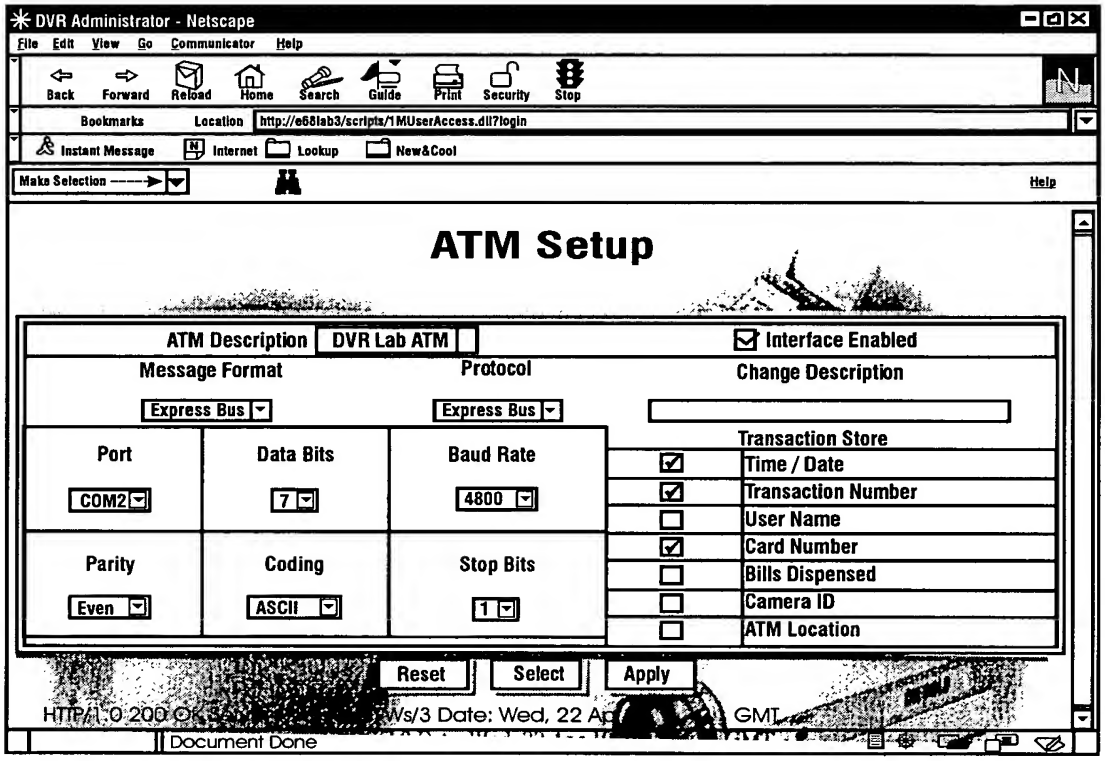

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FIG. 25

OIPE JC67
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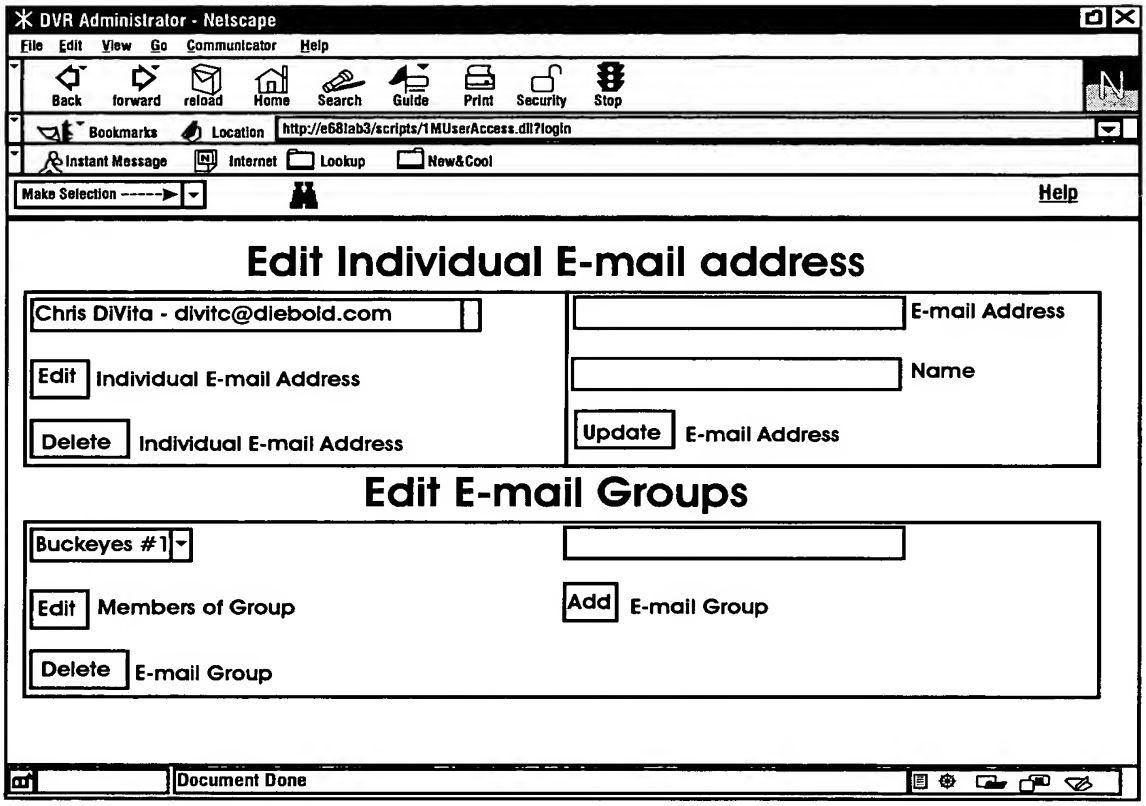

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FIG. 26

OIPE JC67
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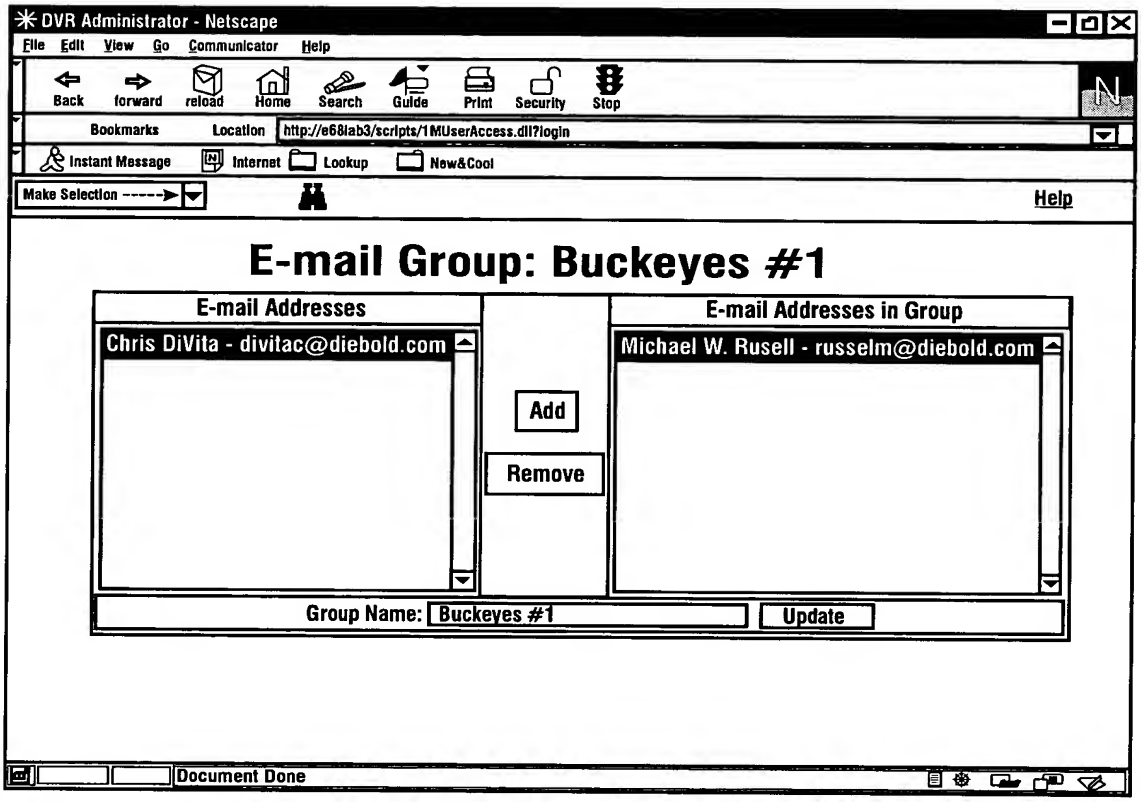

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FIG. 27

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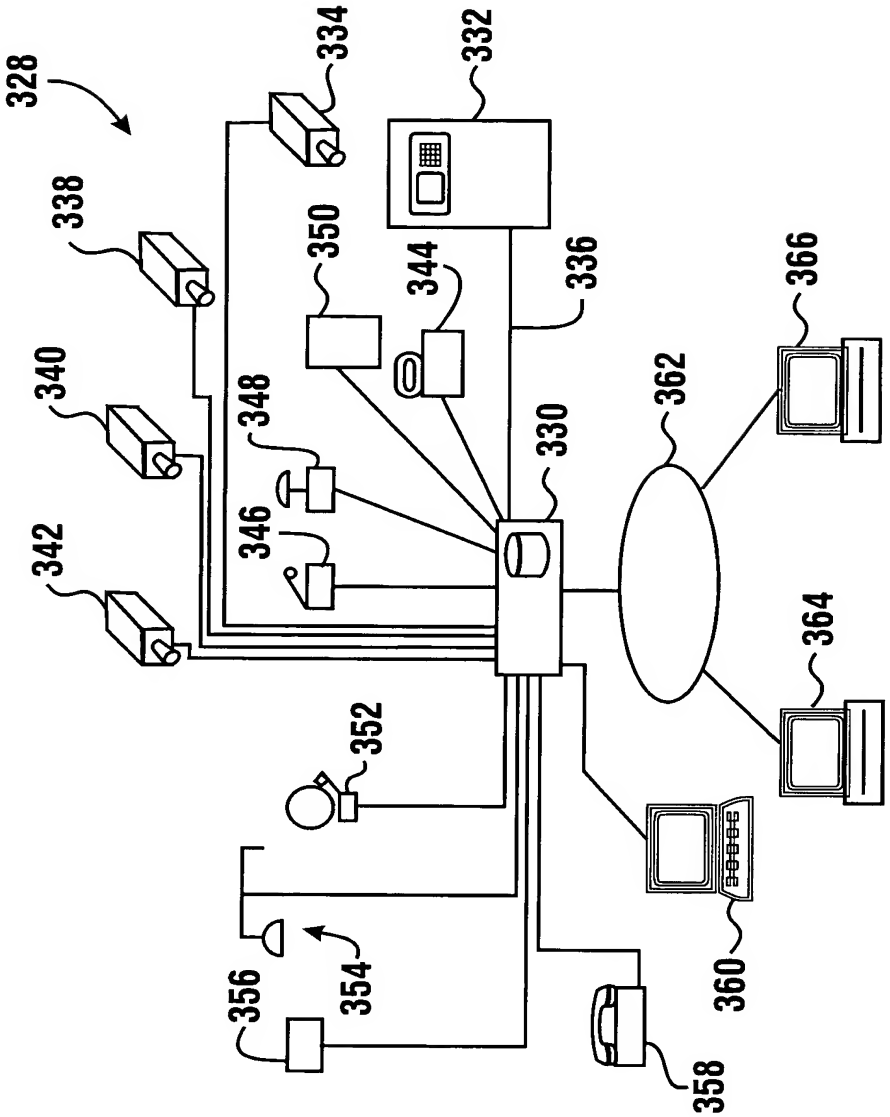

FIG. 28

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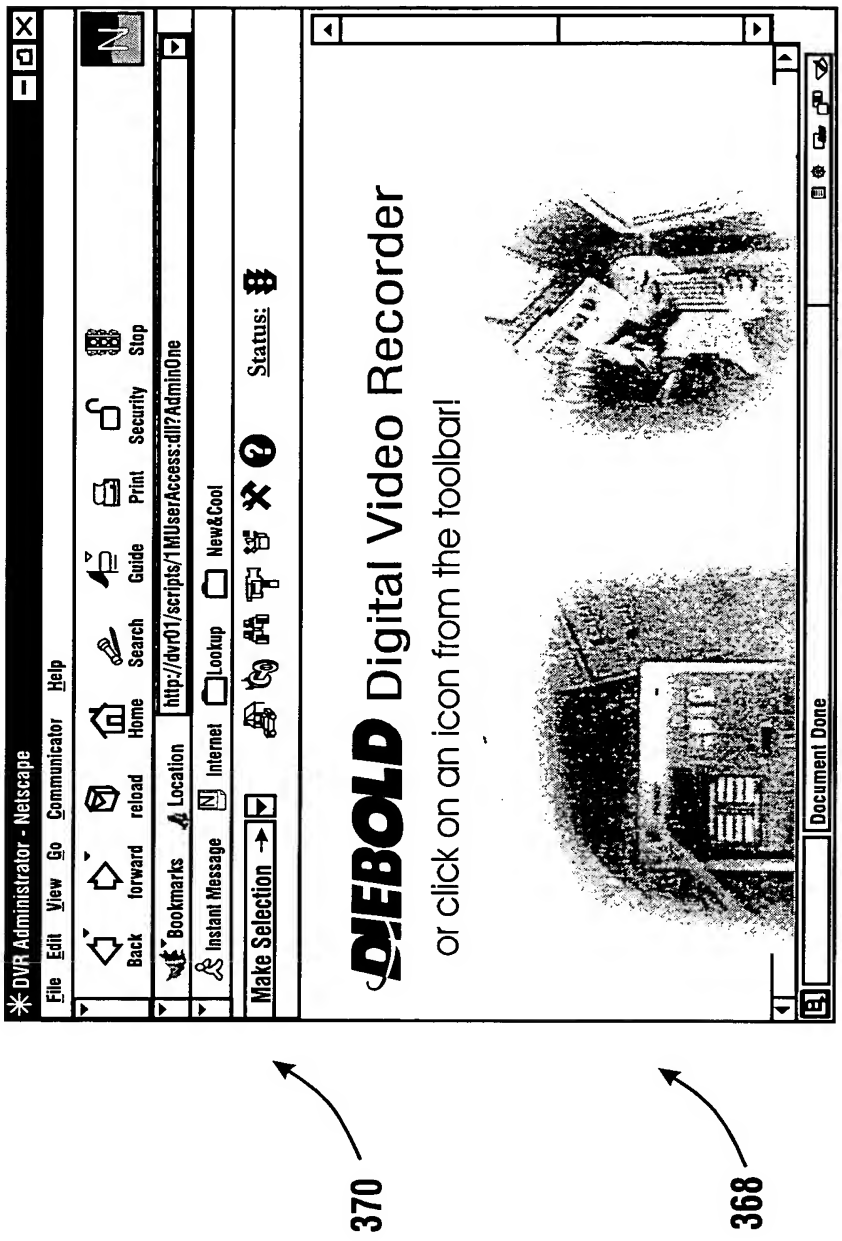

FIG. 29

OIPE JC67
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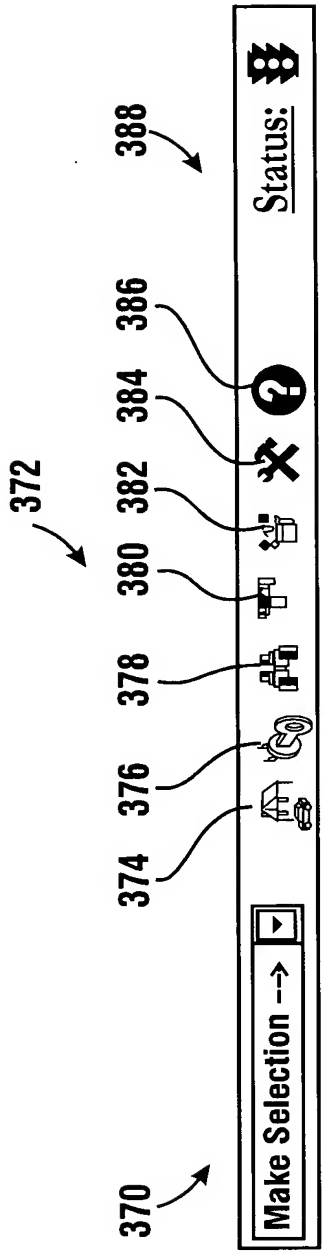

Toolbar (administrator access level)

FIG. 30

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AccuTrack Toolbar Items

ITEM	NAME	COMMENTS
MENU BOX [1]		
Make Selection -->	Menu box with drco-down arrow	Click on the drop-down arrow for a list of main menue items. The access level of the user determines the displayed menus items.
MAIN MENU ICONS [1]		
374	Home Icon	Click on the Home icon to go to the AccuTrack home page.
376	Logoff icon	Click on the Logoff icon to log off the AccuTrack. The AccuTrack logon page re-displays.
378	Perform Image Search icon	Click on the Perform Image Search icon (binoculars) to access the Image Search function.
380	Camera Check icon	Click on the Camera Check icon to access the Camera Check function.
382	System Configuration icon	Click on the System Configuration icon to display the DVR System Config submenu in a menu panel on the left side of the page.
384	DVR System Tools icon	Click on the Tools icon to display the DVR Tools submenu in a menu panel on the left side of the page.
386	Help icon	CLick on the Help menu to display on-line help.

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FIG. 31

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AccuTrack Toolbar Items (continued)

ITEM	NAME	COMMENTS
STATUS [2]		
Status: 388	Display status warning messages	Toggle (click once to turn off and click again to turn on) on the word Status to display status warning messages in a pop-up dialog box.
390	Green light status icon	AccuTrack is capturing images properly.
392	Thermometer status icon	AccuTrack is nearing maximum storage capacity and not storing images. The disk is full.
394	Yellow hand (caution) status icon	AccuTrack is running with errors. Check the diagnostics log file for more information.
396	Red diskette status icon	Pending changes have not been applied.
398	Stop sign status icon	An application error has occurred. Check the diagnostics log file for more information. **NOTE** • This icon may display temporarily if you attempt to use AccuTrack while AccuTrack is applying changes. Wait a few moments and then try again. • If you are logged on from a remote PC, this icon may indicate a communications problem. AccuTrack may still be functioning correctly.

[1] Each main menu icon is represented by text in the drop-down menu. Click on a main menu icon or select from the drop-down menu to access the menu option.

[2] The current status icon displays each time you refresh your Web page or navigate to a new AccuTrack page. Sometimes AccuTrack updates the status while you remain on the same AccuTrack page.

FIG. 32

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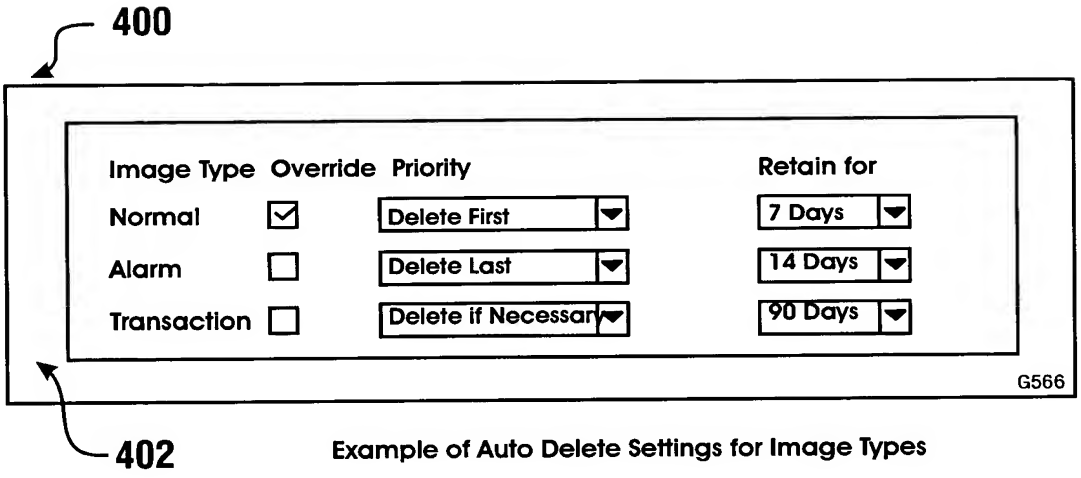

Example of Auto Delete Settings for Image Types

FIG. 33

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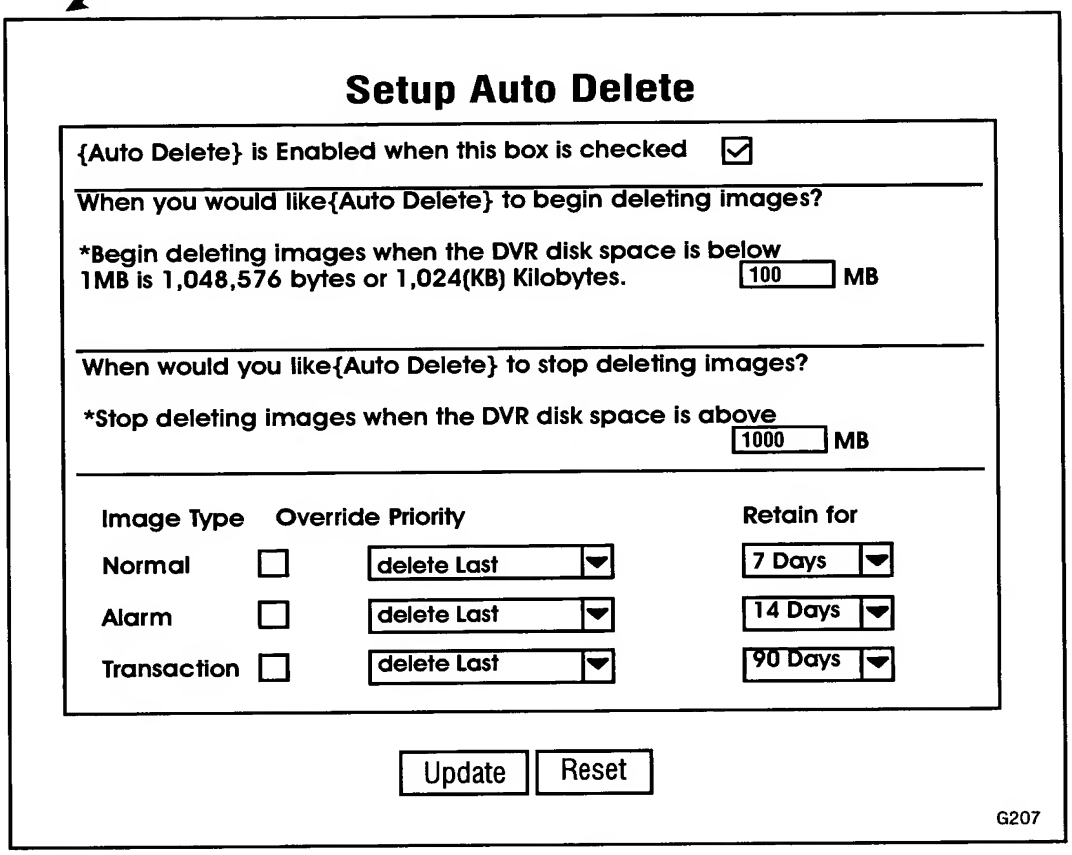

Default Settings

FIG. 34

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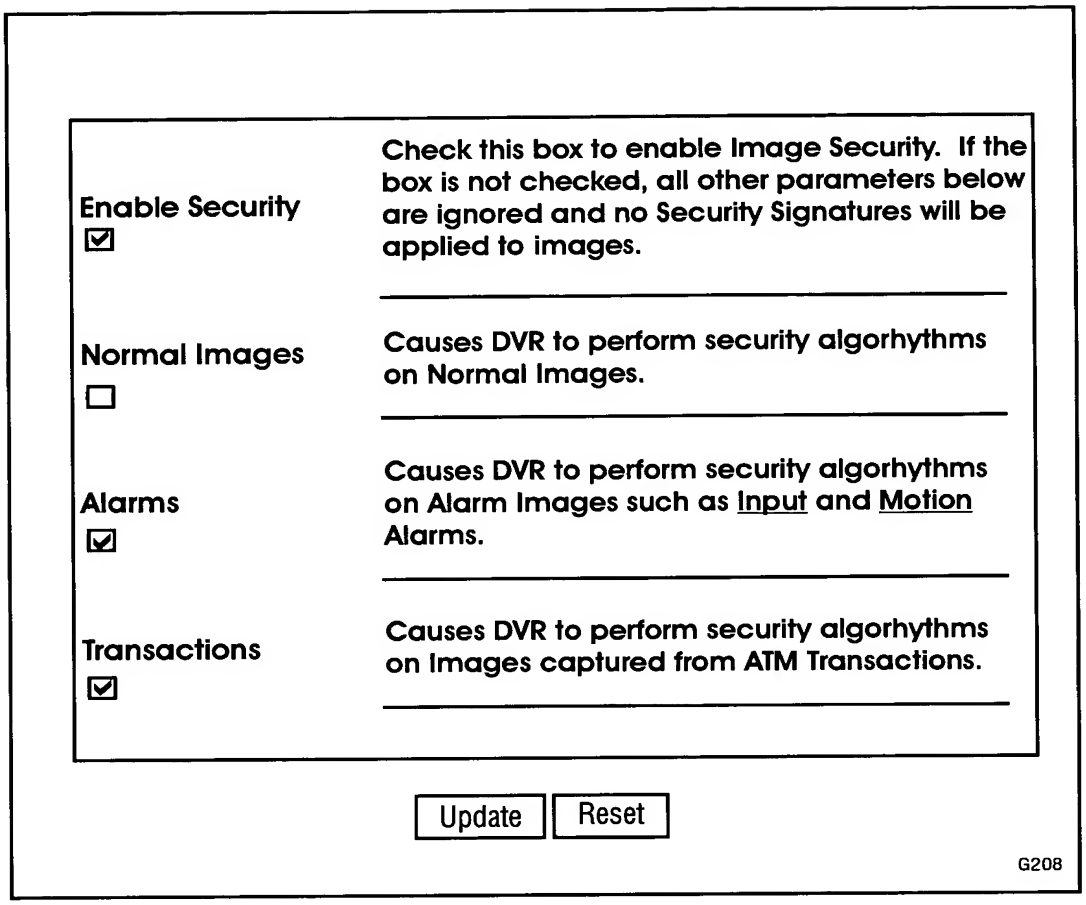

FIG. 35

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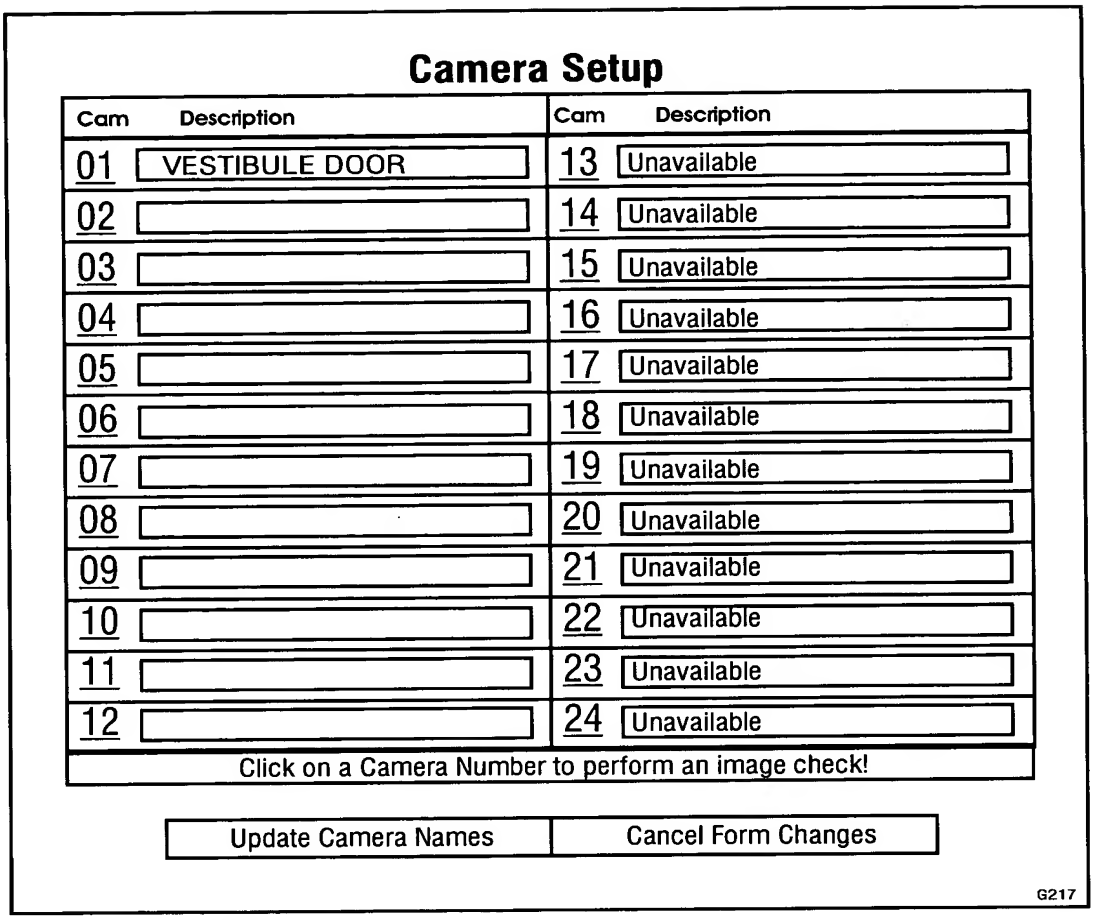

FIG. 36

OIPE JC67
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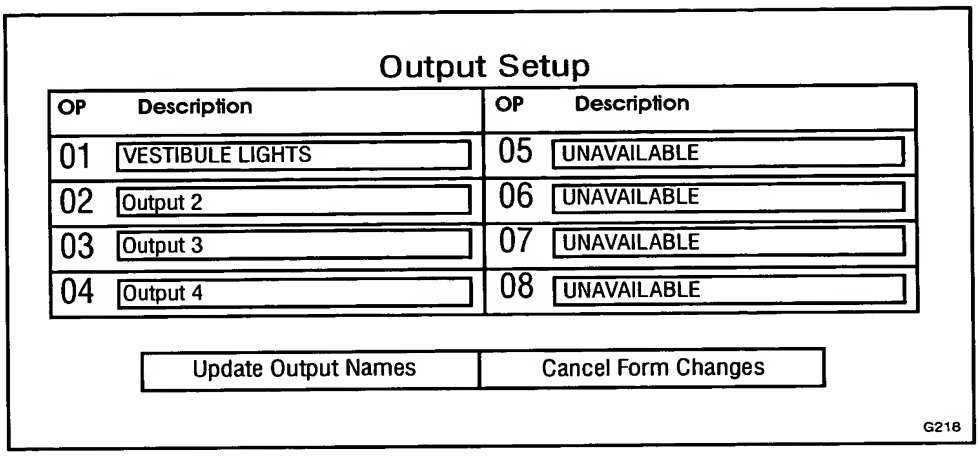

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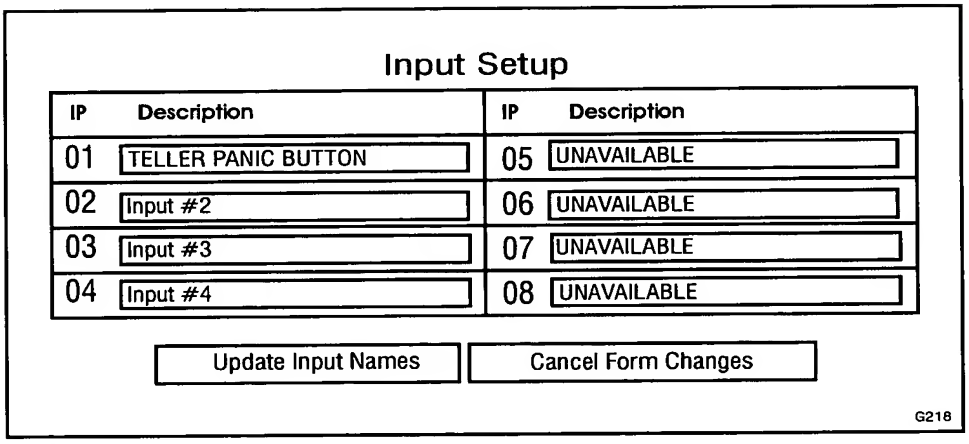
Output Setup Page

FIG. 37



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Input Setup Page

FIG. 38

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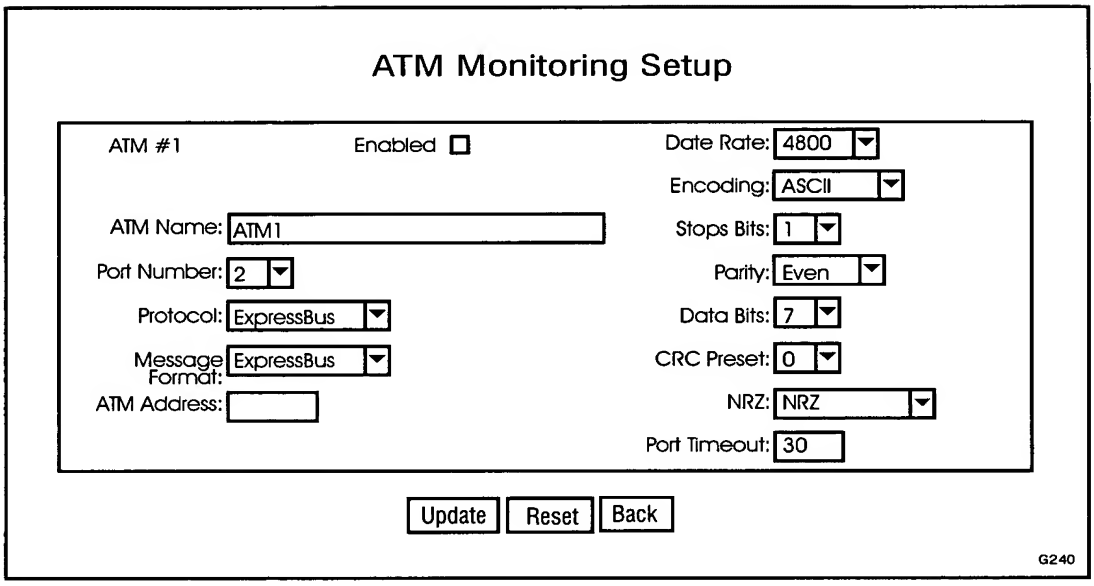

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ATM Monitoring Setup Page

FIG. 39

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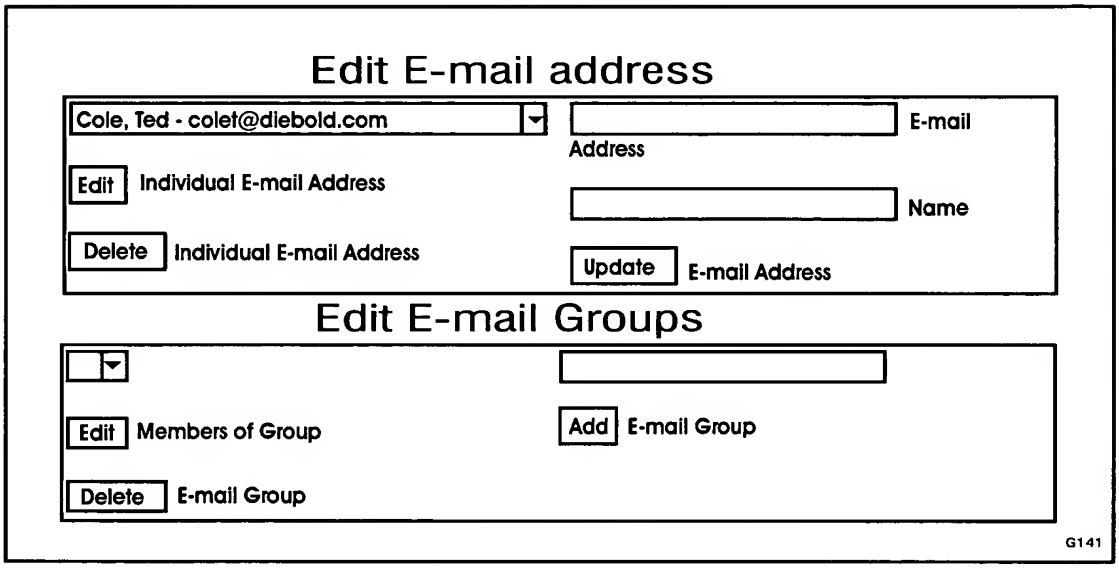

E-mail Setup Page (for individuals)

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FIG. 40

OIPE JC87
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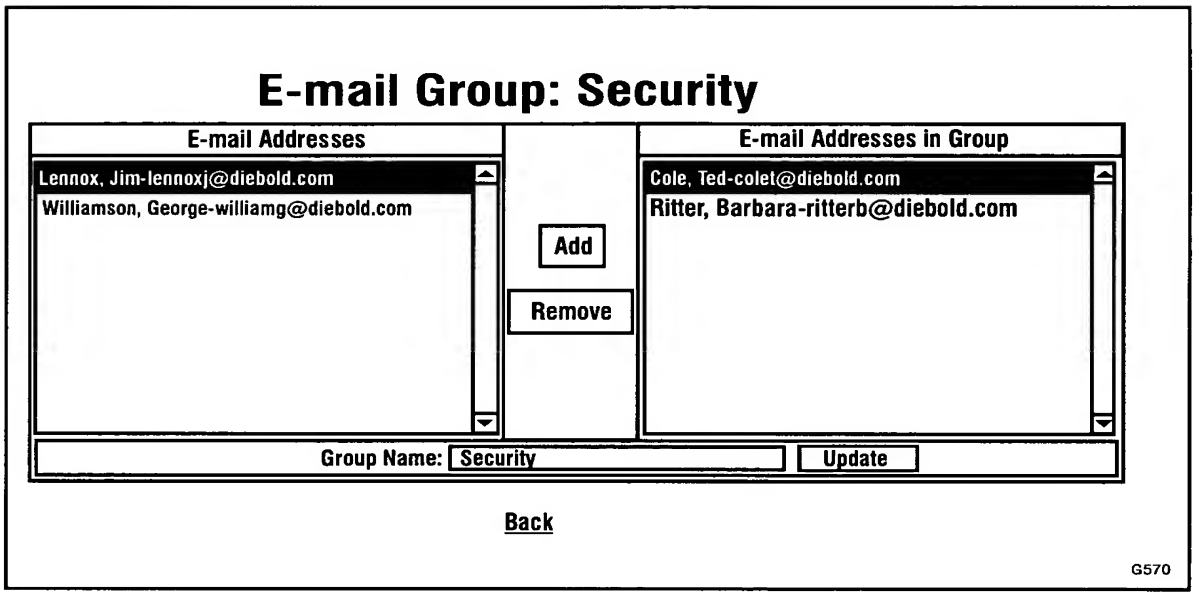

E-mail Group Page

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FIG. 41

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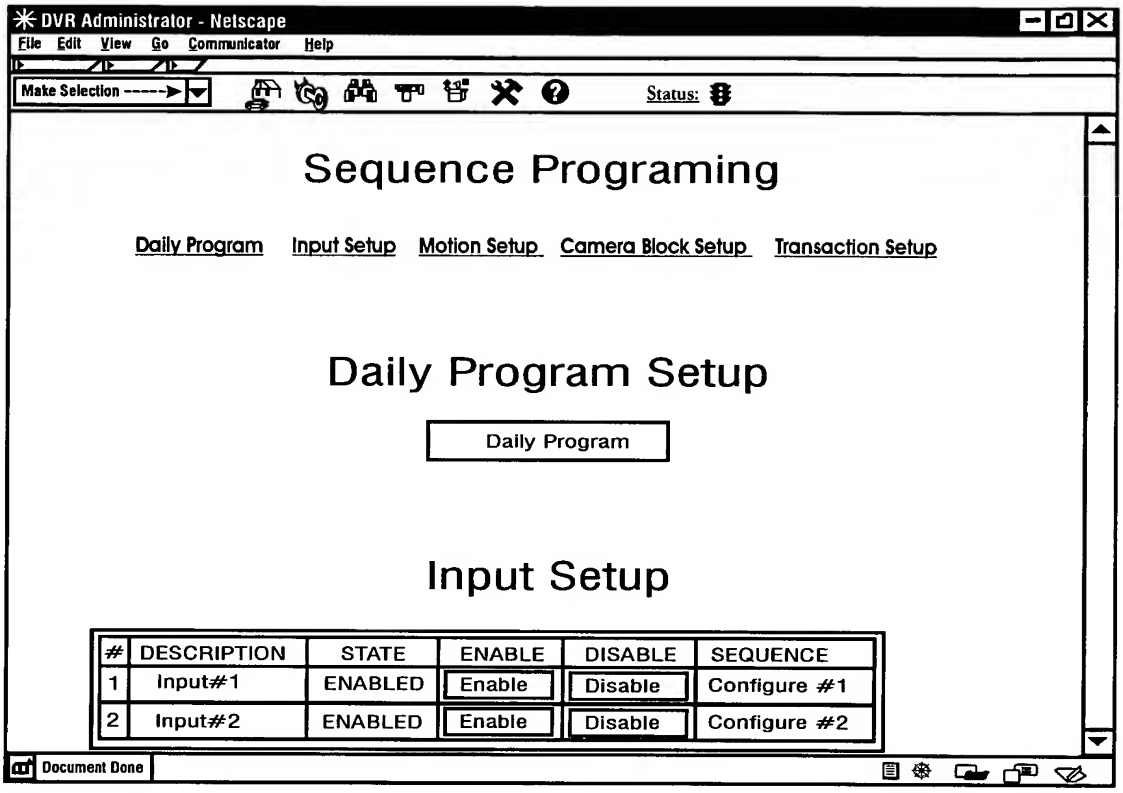

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Sequence Progamming Page

FIG. 42

OIPE JC97
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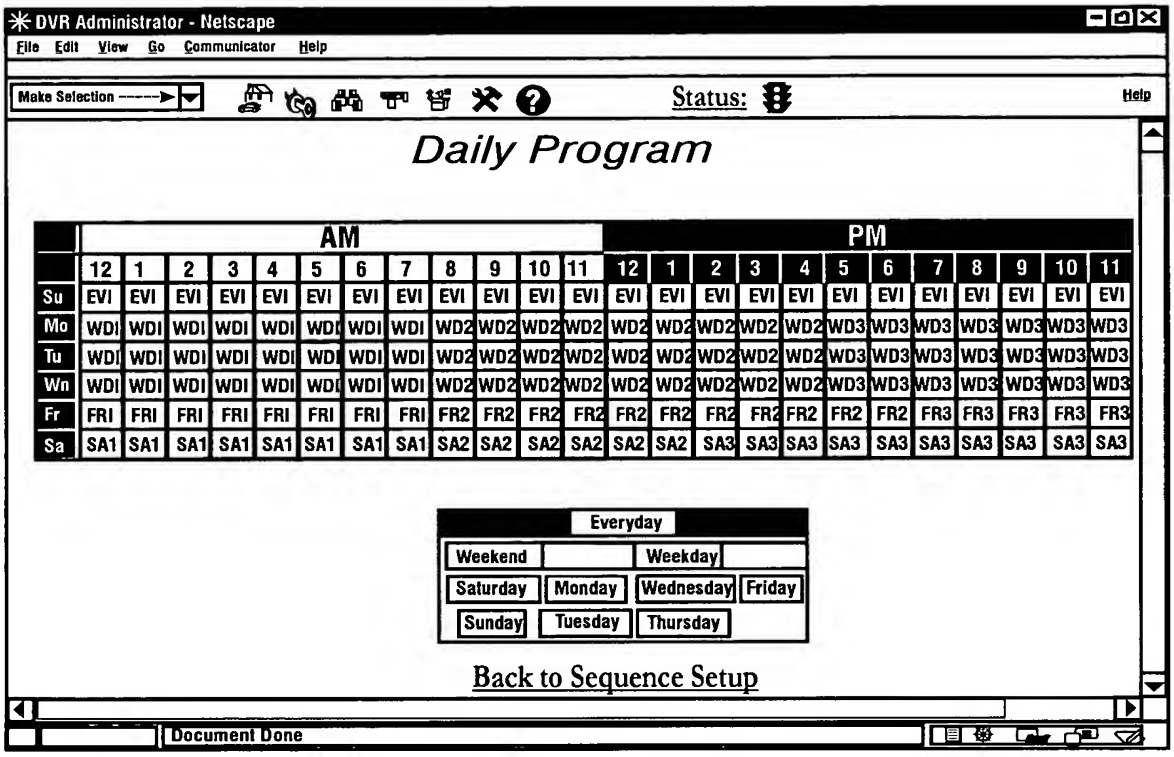
PATENT & TRADEMARK OFFICE



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Daily Program Page

FIG. 43

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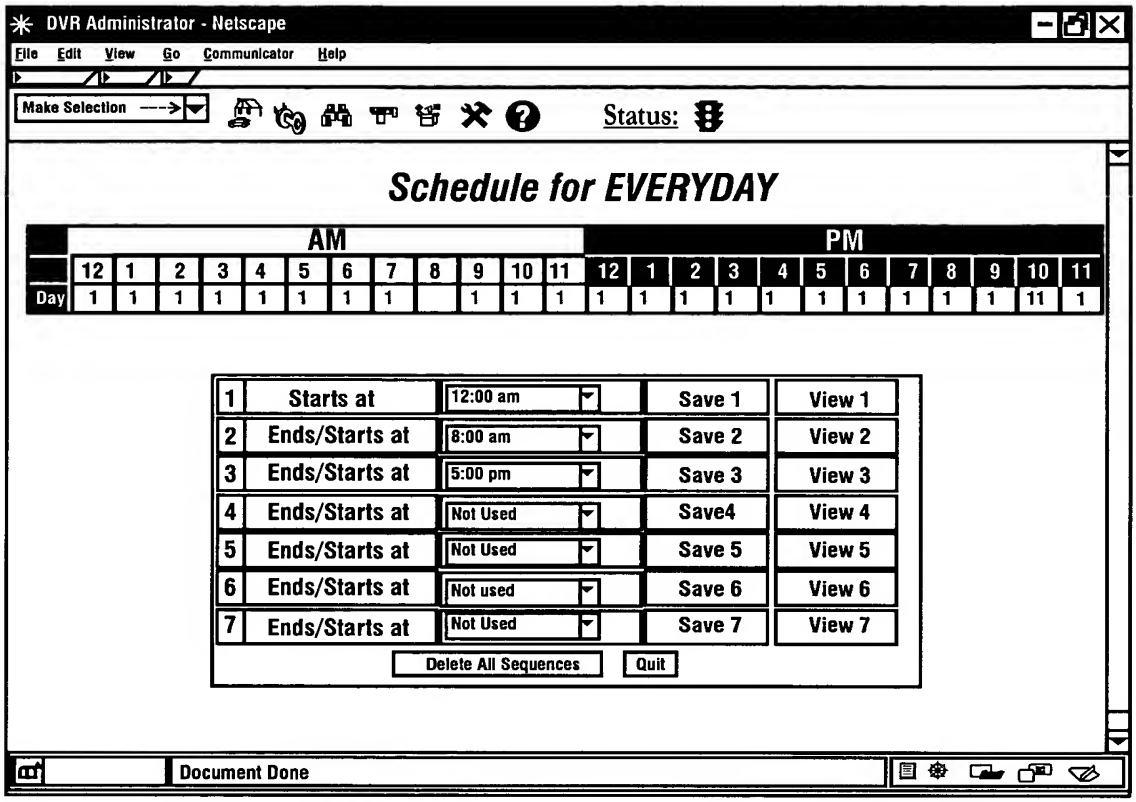

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FIG. 44

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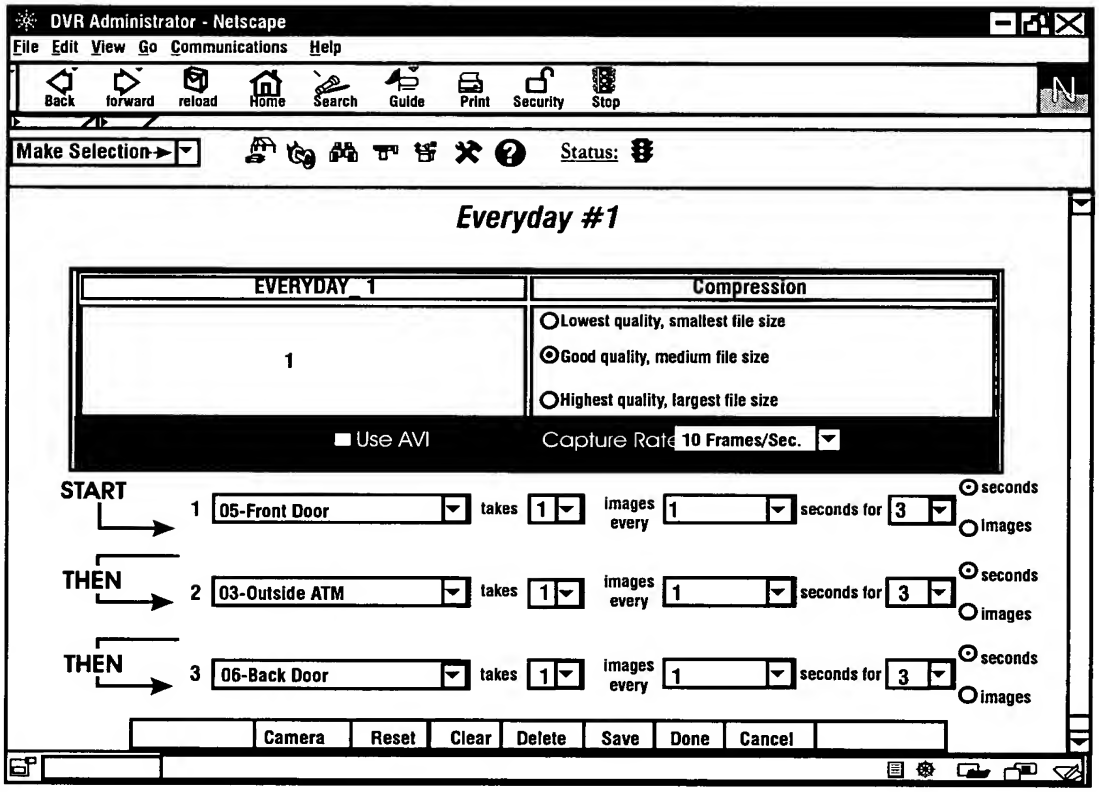

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Everyday #1 Page

FIG. 45

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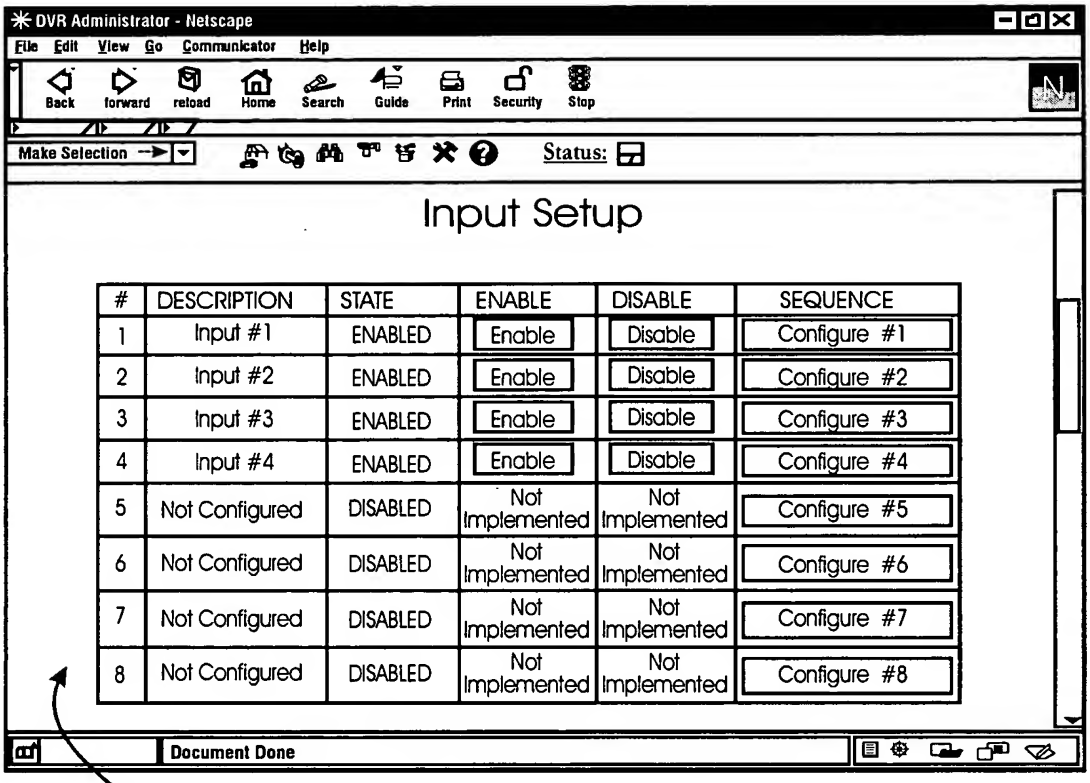

Input Setup Block (Sequence Programing page)

FIG. 46

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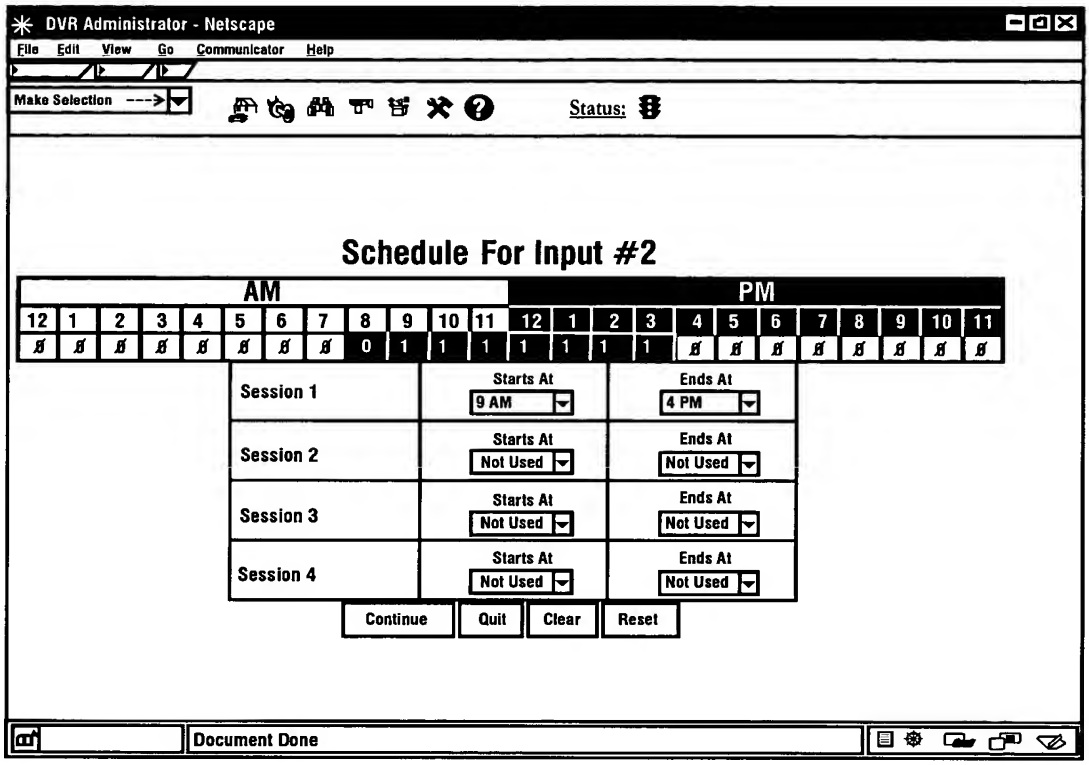

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Schedule for Input #2 Page

FIG. 47

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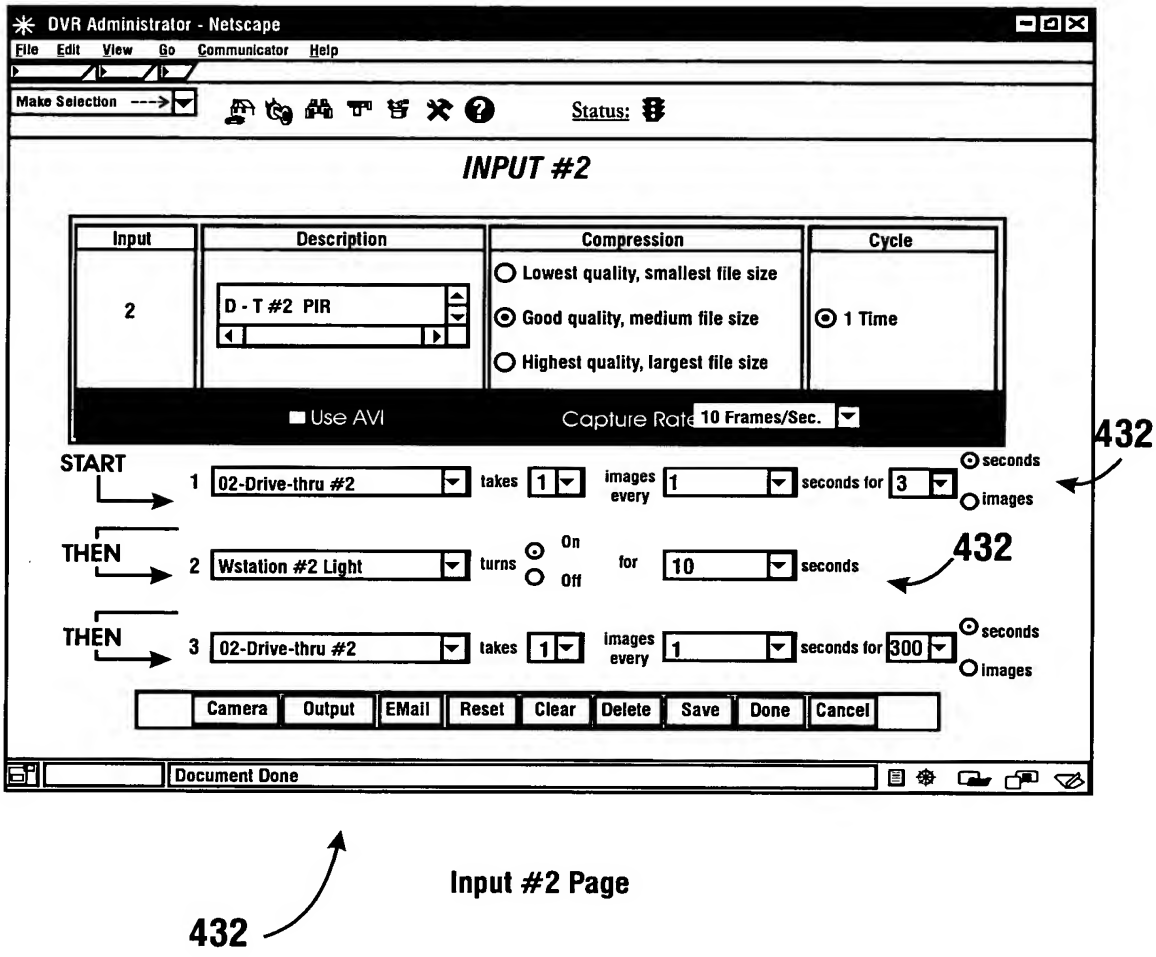

Input #2 Page

FIG. 48

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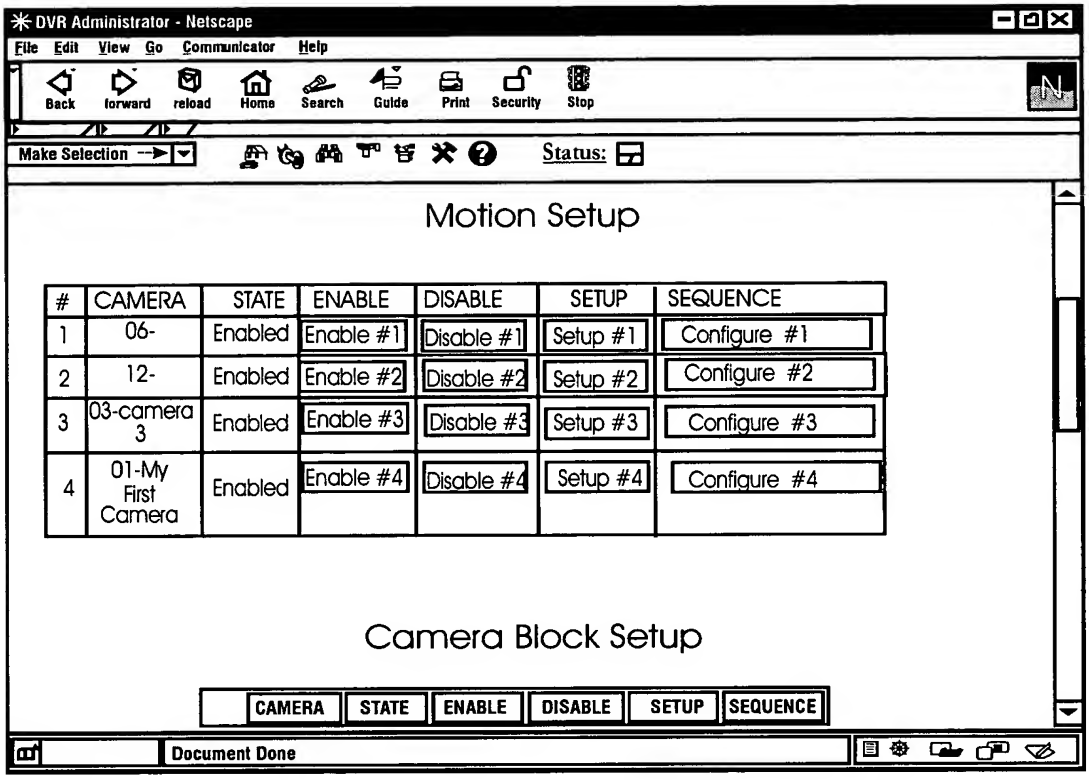

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FIG. 49

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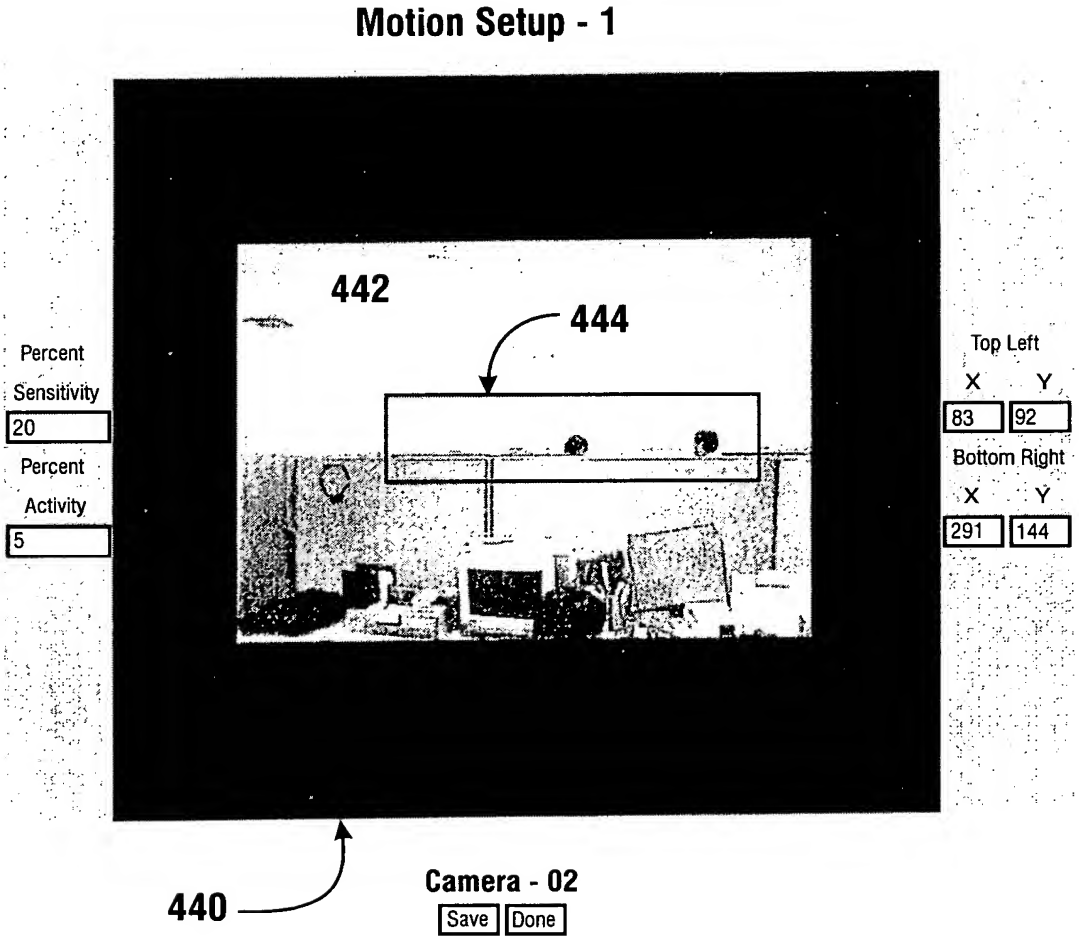

FIG. 50

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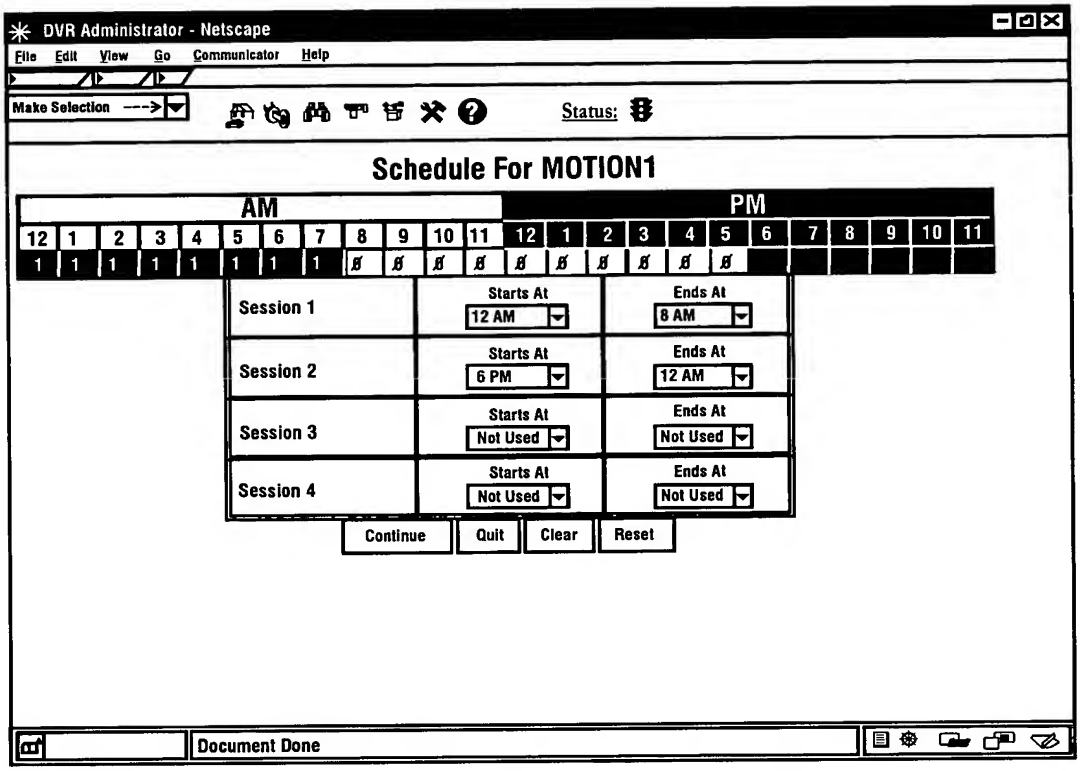

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FIG. 51

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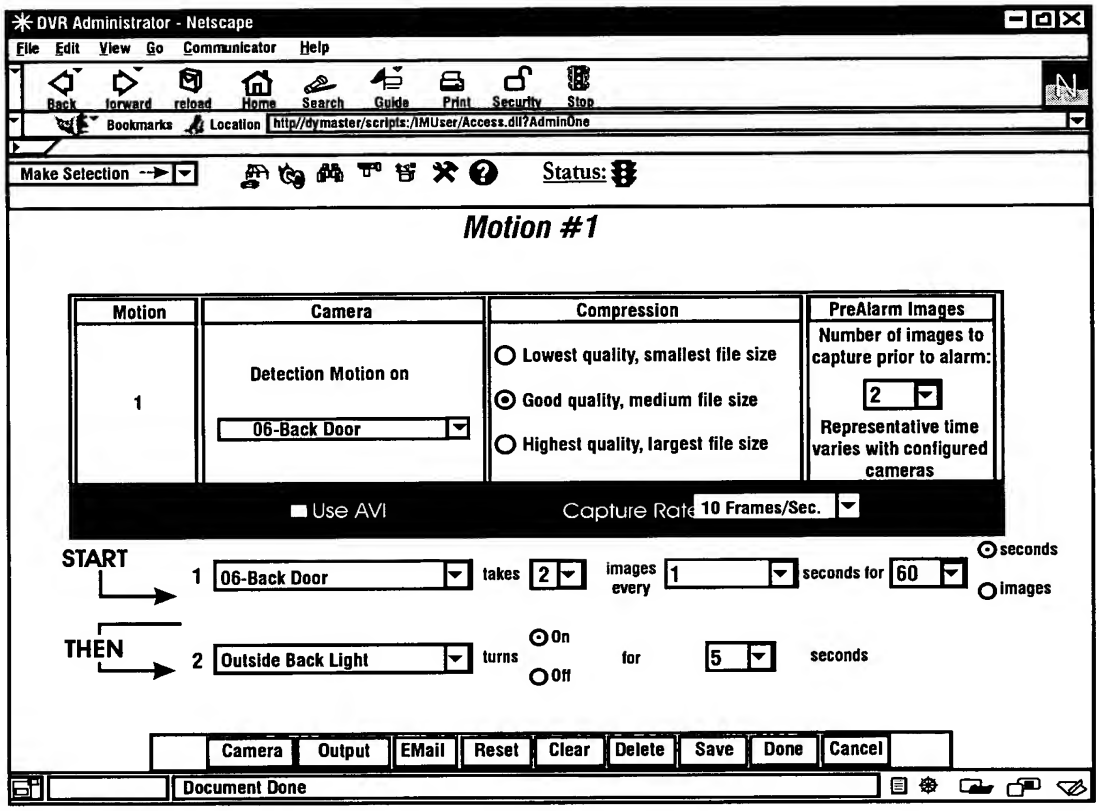

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Motion #1 Page

FIG. 52

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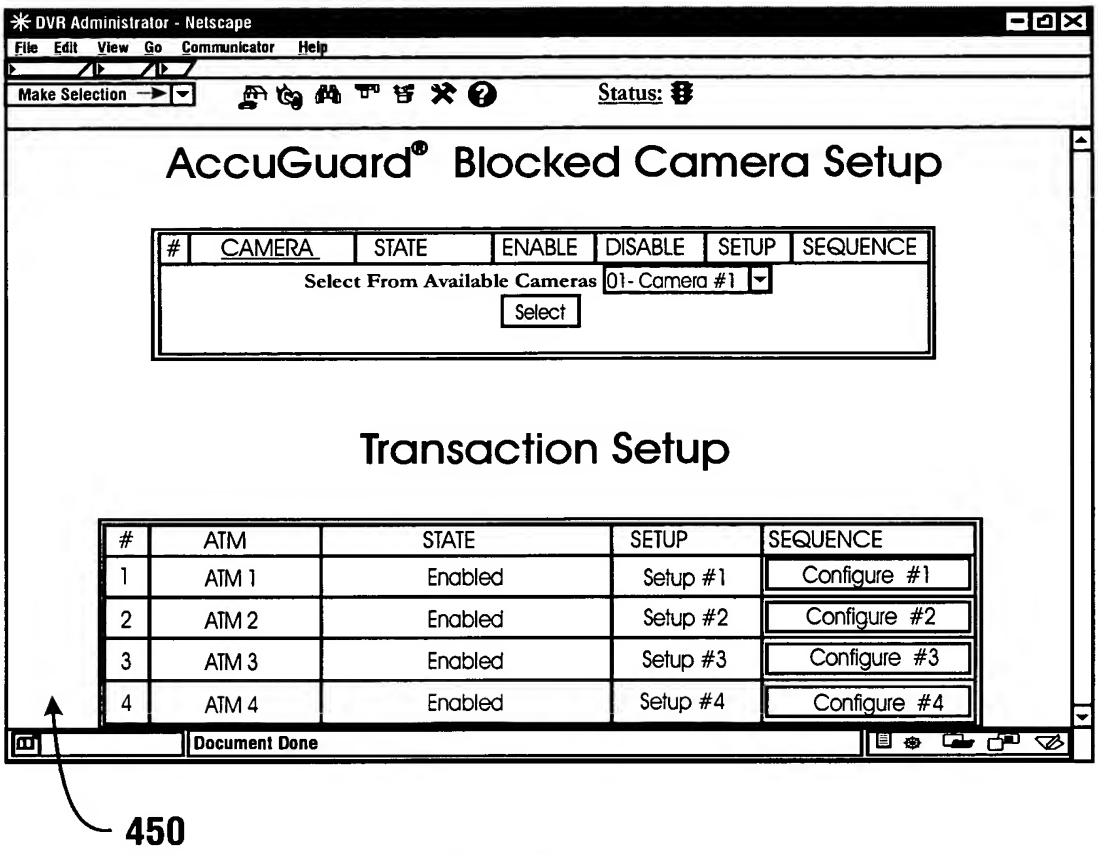

Before Selecting the Camera

FIG. 53

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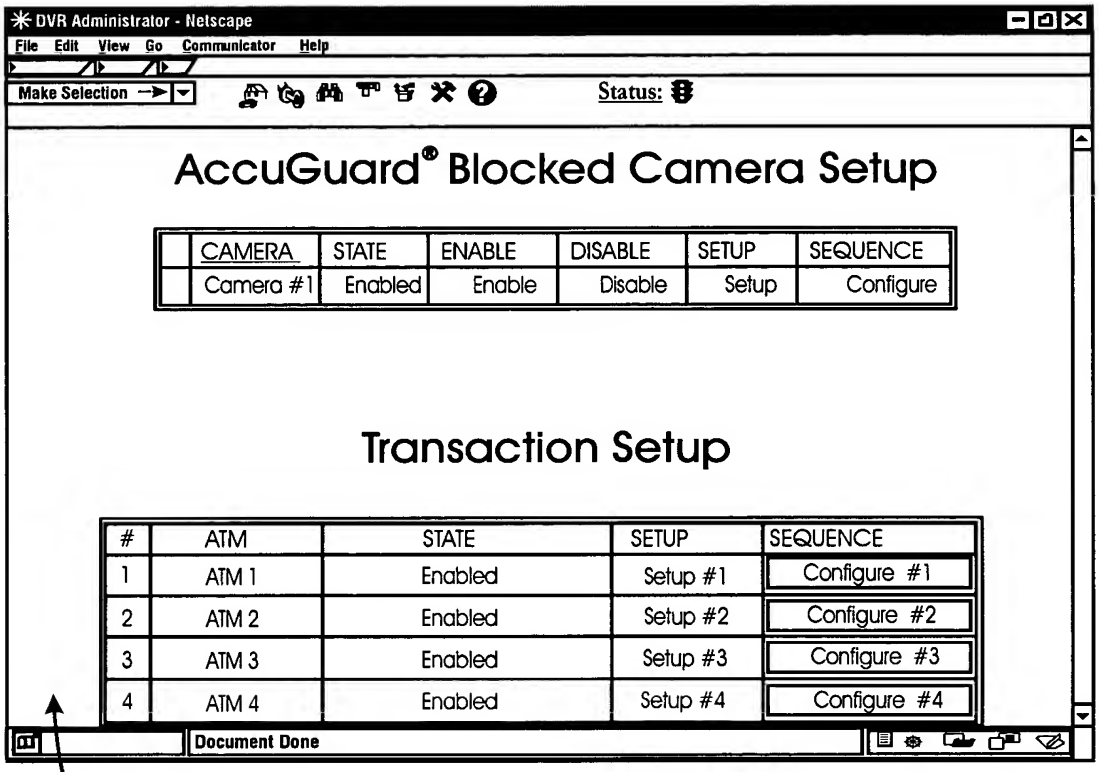

After Selecting the Camera

FIG. 54

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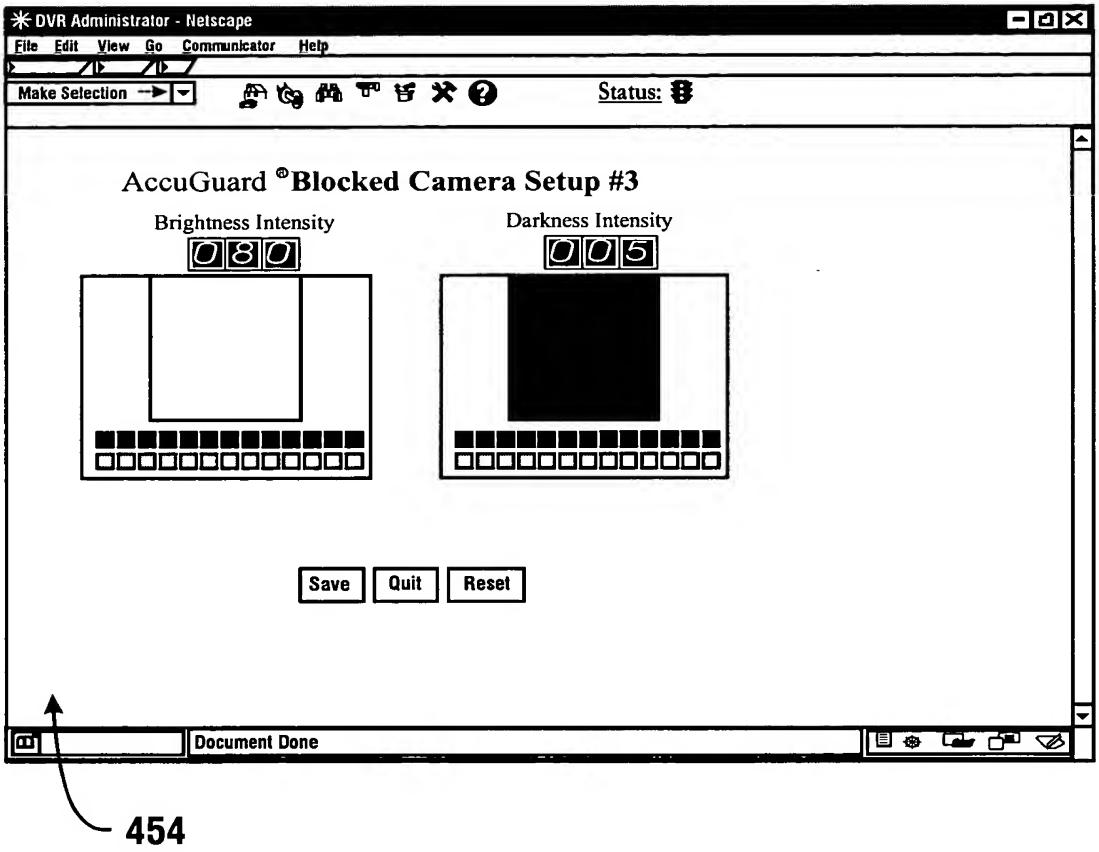

FIG. 55

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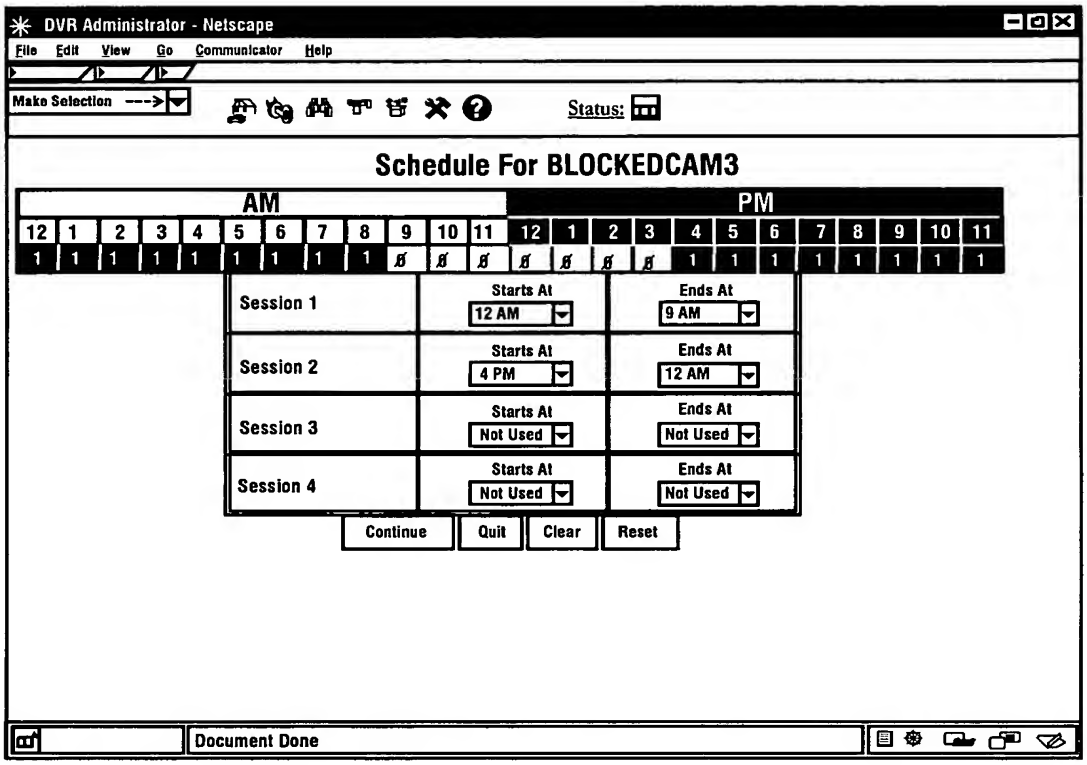

FIG. 56

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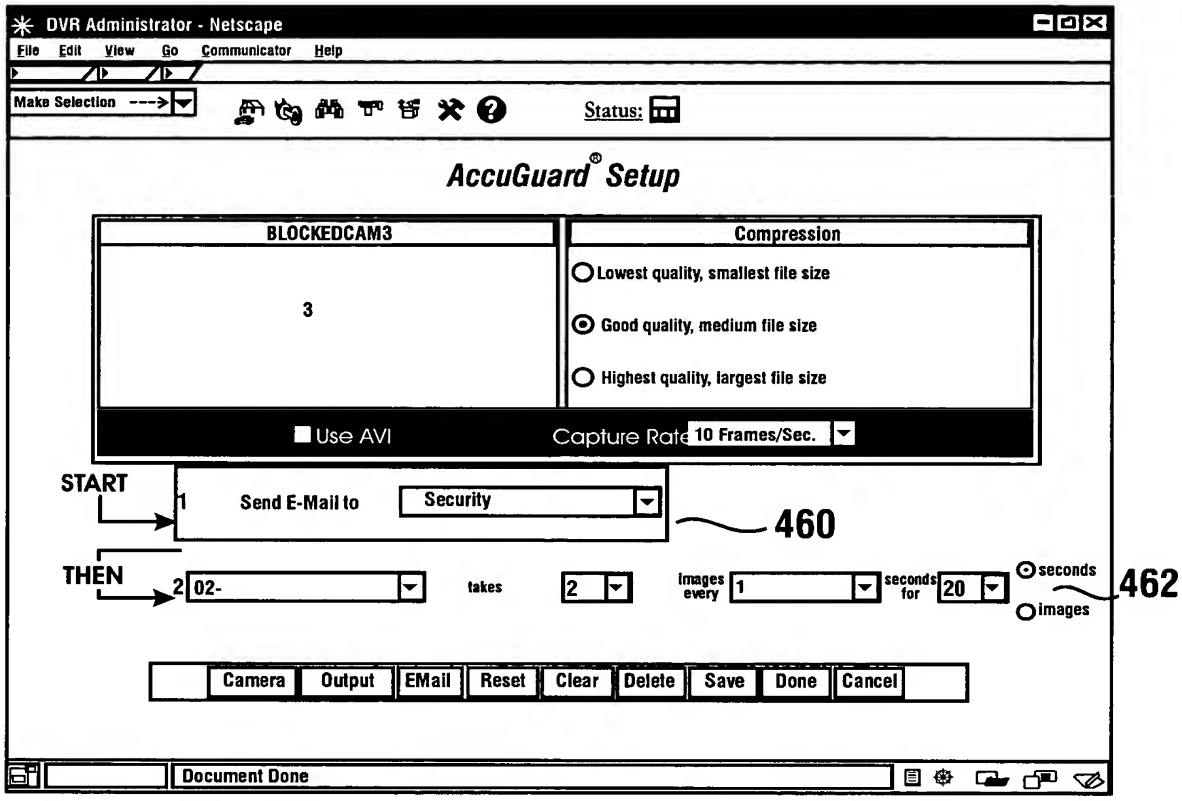

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AccuGuard Setup Page

FIG. 57

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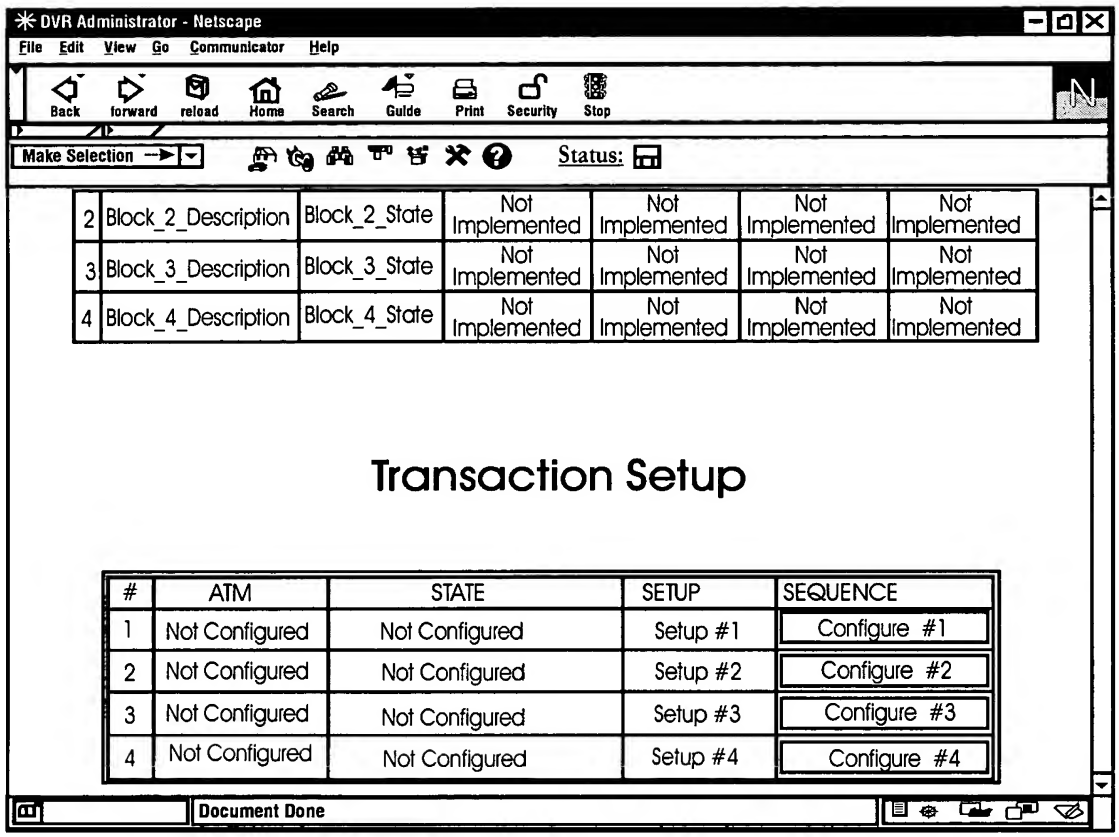

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Transaction Setup Block (Sequence Programming page)

FIG. 58

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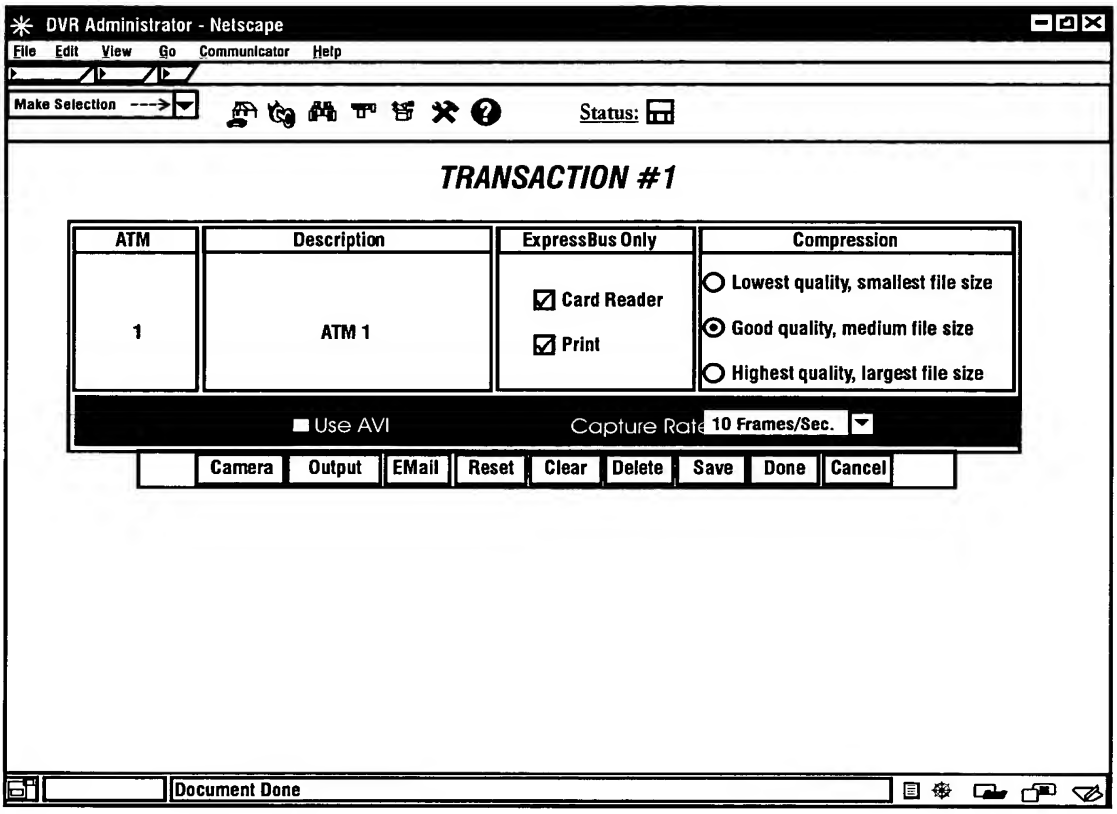

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Transaction Page #1

FIG. 59

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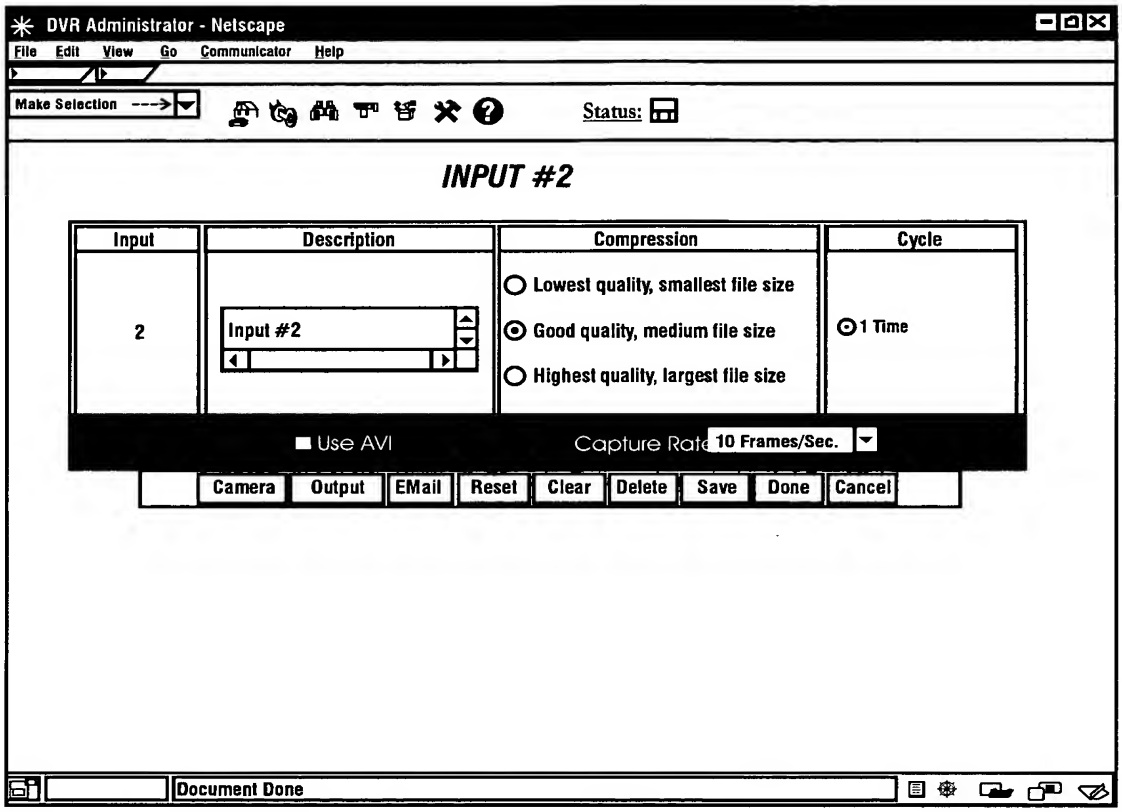

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FIG. 60

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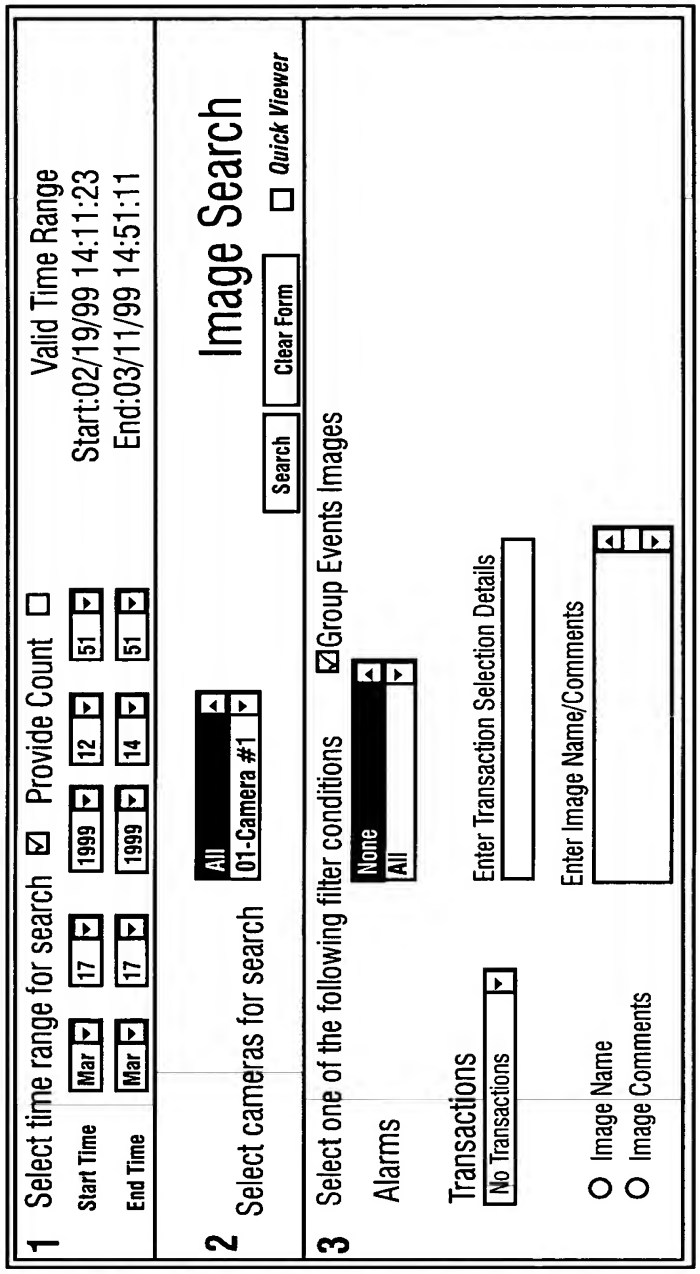

FIG. 61

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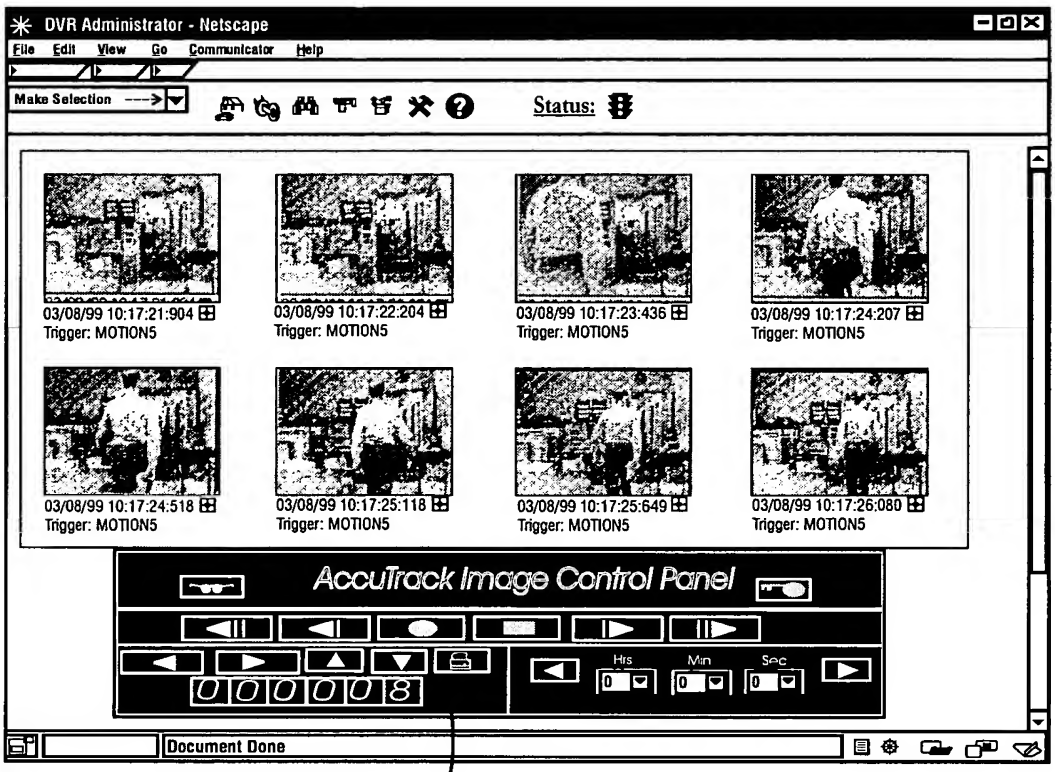

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FIG. 62

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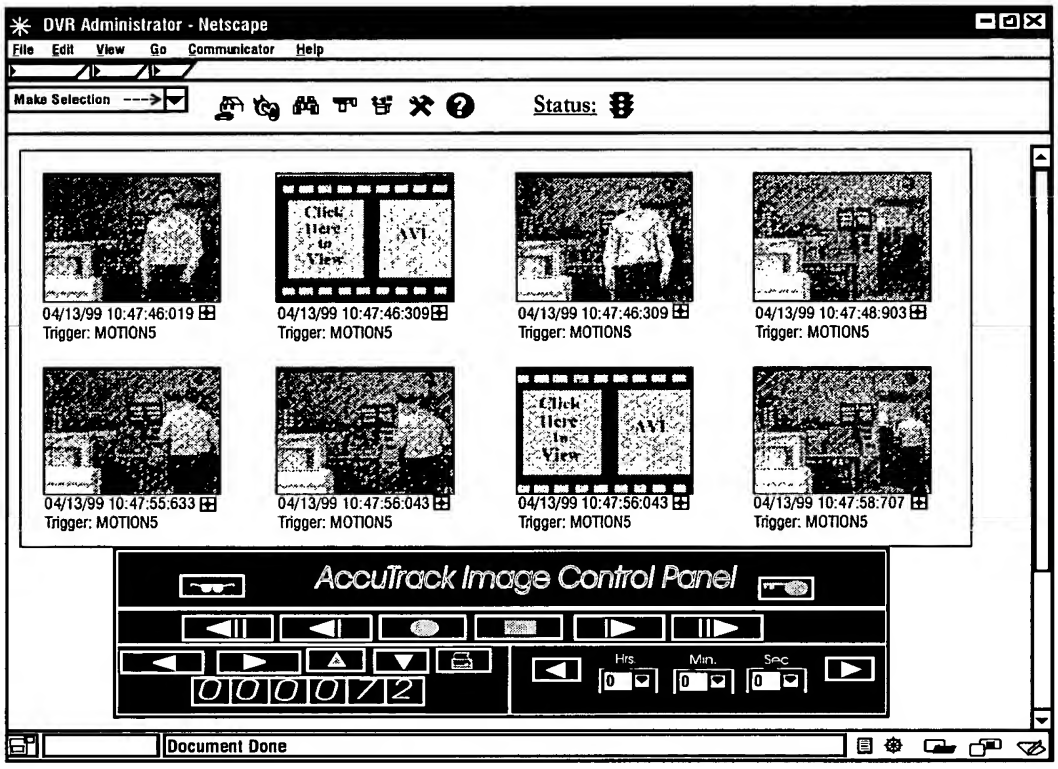

Images Page Including AVI Symbols for AVI Files

FIG. 63

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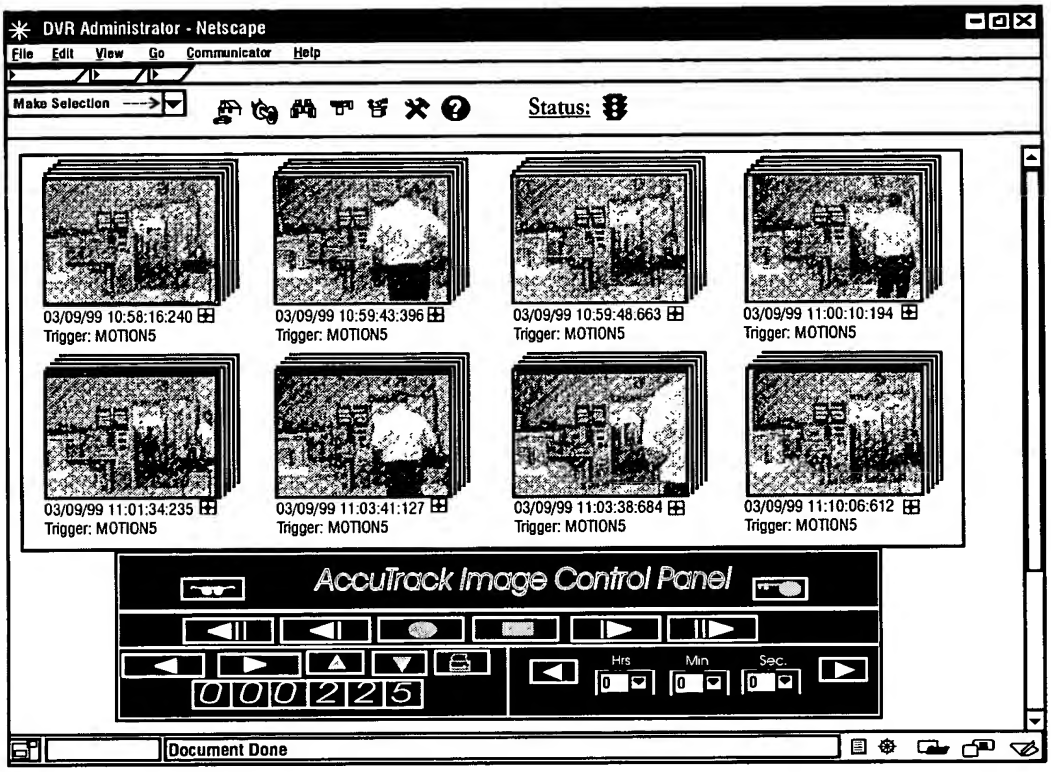

Standard Events Page

FIG. 64

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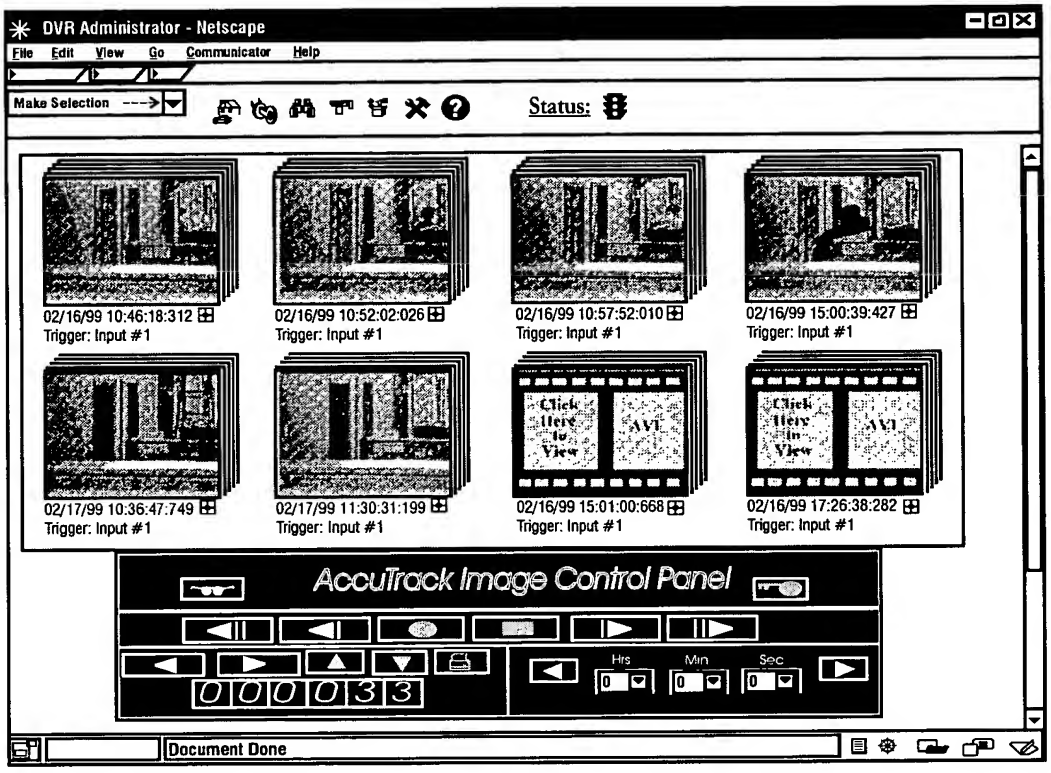

FIG. 65

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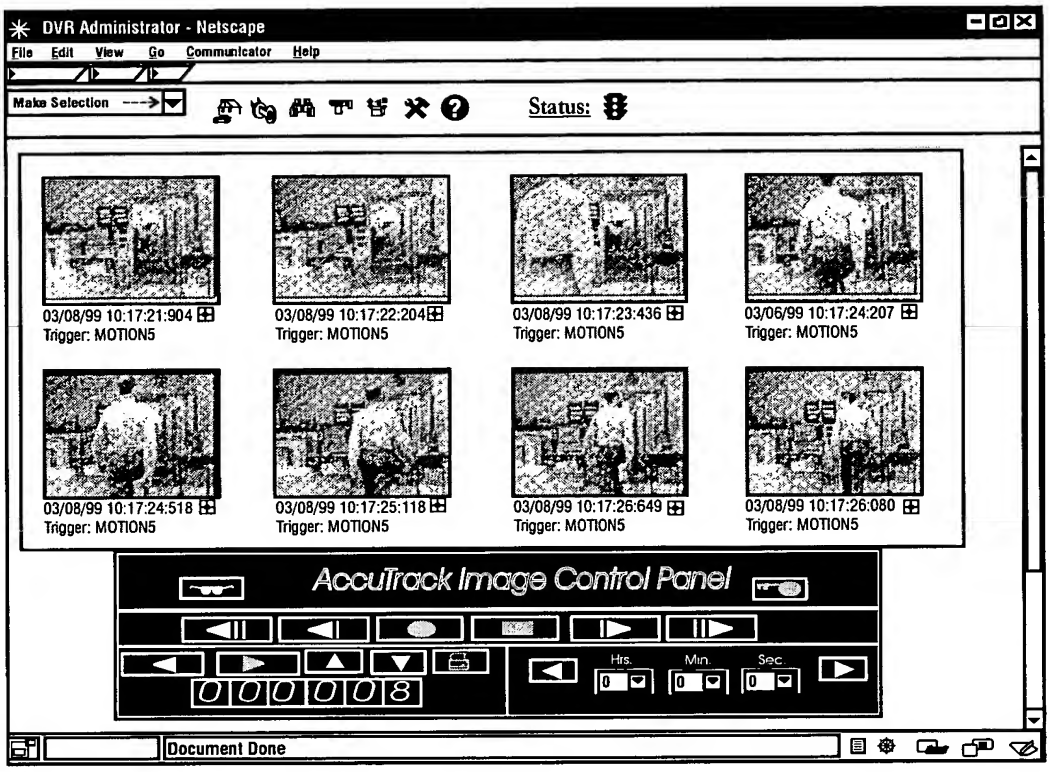

FIG. 66

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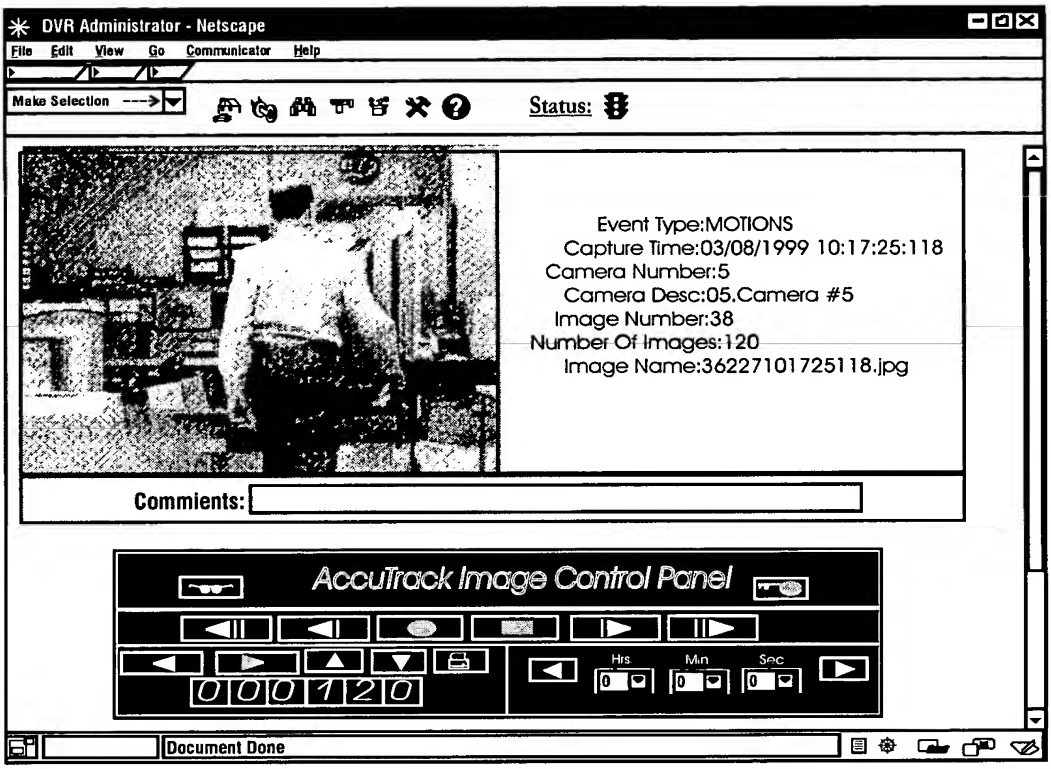

Event Images Not Grouped

FIG. 67

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FIG. 68

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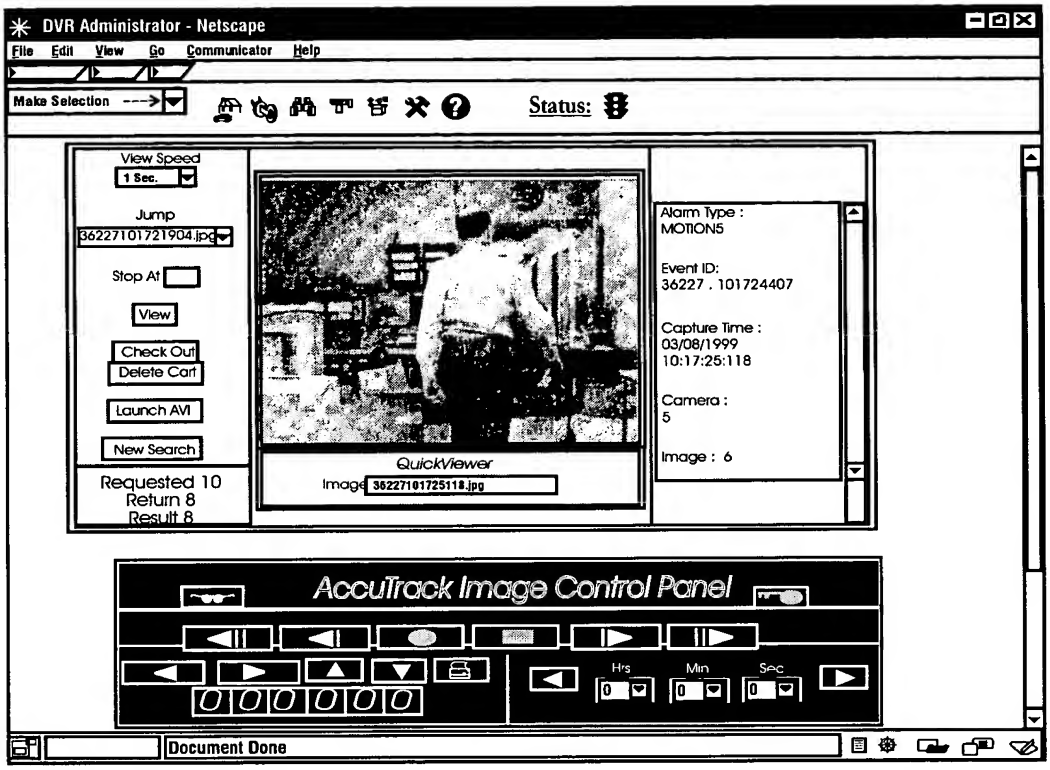

FIG. 69

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Quick Viewer Page

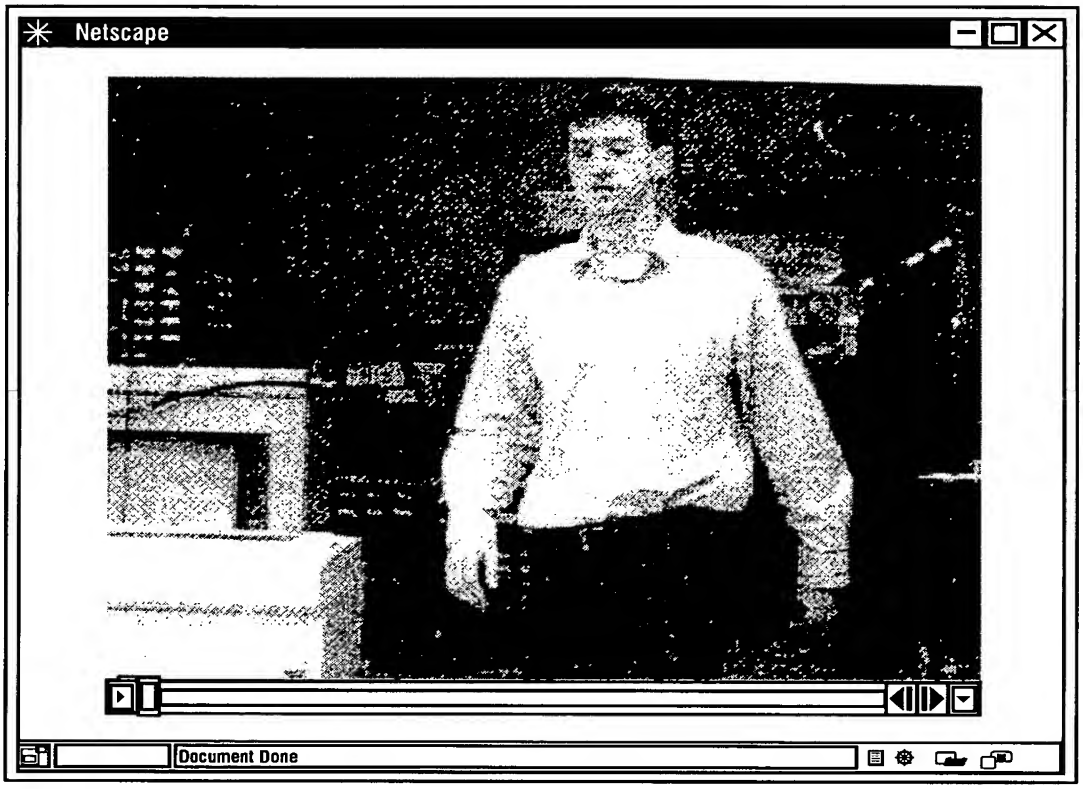

FIG. 70

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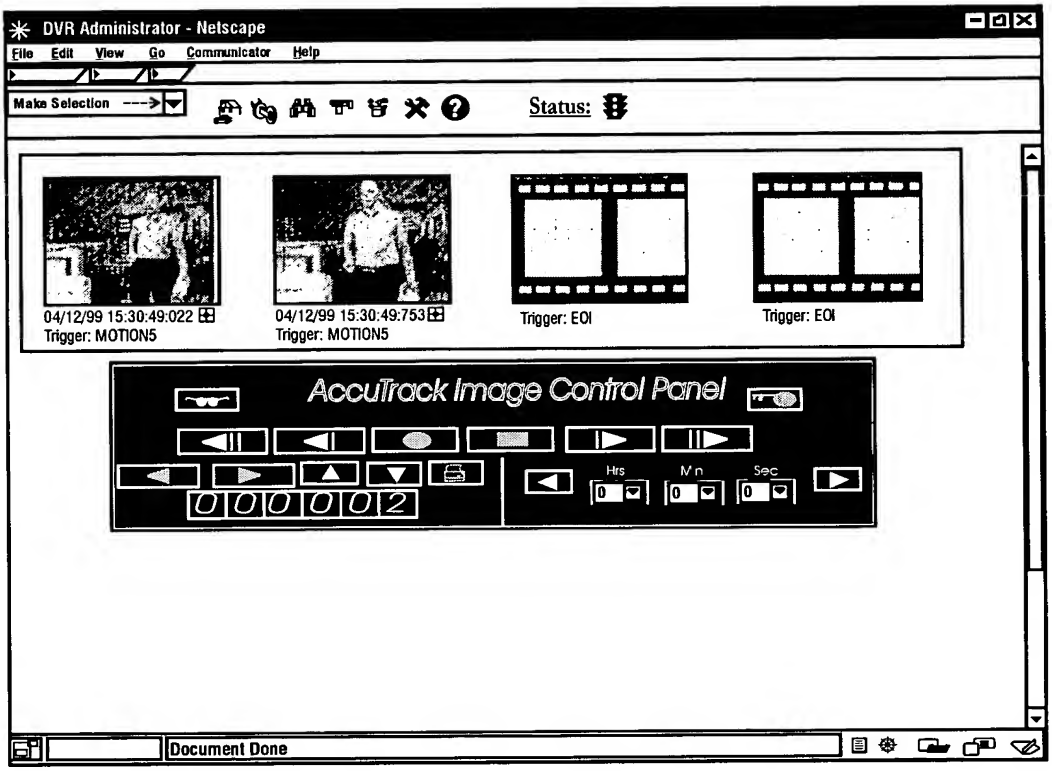

FIG. 71

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Image Cart Page

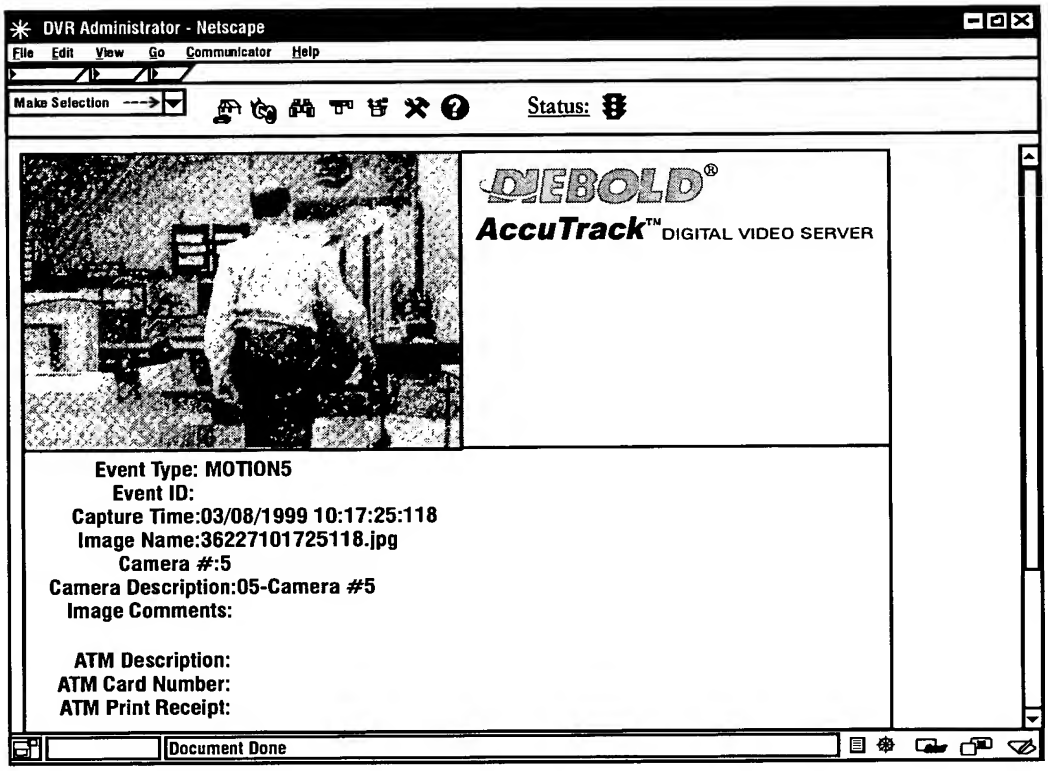

FIG. 72

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Search Results Pages and Views

Page	Figure/View	Comments	Procedures
Images page (standard)	FIG 62	Note the following items. • This page displays up to eight single thumbnail images. • Images display with single black borders. • If you do *not* select Group Events images on the image Search page or you do *not* modify the default filter conditions, the images on the first search results page that displays.	To display an enlarge single image, click on a thumbnail image displayed on the images page.
Images page for AVI mode	FIG 63	When a sequence is captured in AVI mode. Images are saved in the following format: • The first image is saved as a JPEG. file • All images between the first image and the last image are saved as an AVI clip. • The last image is saved as a JPEG file.	To view the AVI clip, click on the AVI symbol.
Events Page (standard)	FIG. 64	Note the following items: • This page displays up to eight events. • For each event, a thumbnail image of the first image in the event displays. • Images display with *black feathered* borders that suggest group images. • If you select Group Event Images on the Image Search page and modify the default filter conditions, the events page is the first search results page that displays. Otherwise , this page is not accessible.	To display the expanded view of a specific event, click on a thumbnail image displayed on the events page.
Events page including events captured in AVI mode	FIG. 65	Note the following items: • The AVI symbol indicates that AccuTrack captured an event in AVI mode. • If you anticipate that your search results include a lot of AVI files, it is preferable to *de-select* Group Event Images on the images Search page. Then the JPEG files captured before and after the AVI clip display files on the first search results page (the images page).	To view the AVI clip, click on the AVI symbol on the events page, and then click on the AVI symbol on the expanded event page.

FIG. 73

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Search Results Pages and Views (continued)

Page	Figure/ View	Comments	Procedures
Expanded event page	FIG. 66	Expands an event group from the events page. Displays to eight thumbnail images for an event group selected on an events page.	To display an enlarge single image, click on a thumbnail image displayed on the expanded event page.
Single image page.	FIG. 67 FIG. 68	Displays a single enlarge image with information about the image.	Use the following options as desired. • Type comments in the Comments field that can be used as a filter condition in a subsequent image search. • Download the image cart from this page Print images from this page.
Quick Viewer page	FIG. 69	Note the buttons that are enabled on the AccuTrack Image Control Panel when Quick Viewer is selected on the Image Search page	To view the search results using Quick Viewer, use the AccuTrack Image Control Panel.
AVI viewer window	FIG. 70	You must have a Web browser plug-in such as QuickTime™ to view AVI clips. [2]	Use this window to view AVI files. Refer to specific documentation for your AVI viewer
Image cart page	FIG. 71	Note the following items: This page displays thumbnail images for JPG files in the image cart and AVI symbols for AVI files in the image cart. Images display with single red borders.	
Print preview page	FIG. 72	This page displays a print preview of a single image. The displayed information also prints with the image.	

[2] You can download QuickTime from http://www.apple.com/quicktime/.

FIG. 74

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Data Stored or Displayed with an Enlarged Single Image

FIELD	DESCRIPTION
Event Type	Type of sequence that generated the image capture. May be one of the following types • SCHEDULED. Daily program sequences • INPUT. (Alarm) input sequence • MOTION. Motion (detection) sequence • BLOCKEDCAM. Blocked camera sequence • CARD READ. Transaction sequence initiated by a card reader at the ATM • PRINTER. Transaction sequence initiated by printing of ATM receipt
Capture Time	Date and time the image was captured, to thousandths of a second
Image Name	Filename of the image on the AccuTrack hard disk
Camera #	Camera number (01 through 24)
Camera Description	Camera description entered under the Camera Setup menu option
Image Comments	Comments typed on a single menu page
Alarm Description	Alarm description entered under the Sequence Setup/input Setup menu option.
Number of Images	The Number of images is one of the following values: [1] • Number of images in the current cache of search results • Number of images in the search results • Number of images in the selected event
Image Number	Sequential number of images in the Number of images
ATM Description	ATM description entered under the ATM setup menu option.
ATM Card Number	ATM card number for the transaction
ATM Transaction Type	Description of the ATM activity, such as deposit, withdrawal, or card retained. This field may be unknown.
ATM Print Receipt	ATM receipt associated with the image. This option must be configured under the Sequence Setup/Transaction Setup menu option.
[1] On the single image page, the Number of Images also displays on the image counter.	

FIG. 75

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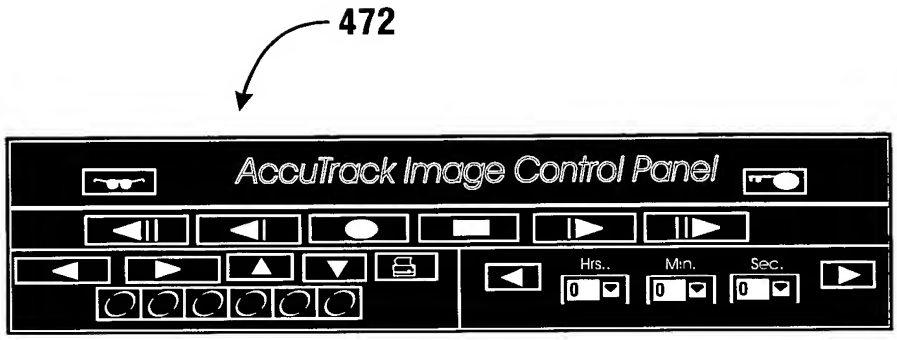

AccuTrack Image Control Panel

Buttons
Buttons on the AccuTrack Image Search Control Panel display with one of the following colors:

- **White** - Enabled
- **Yellow** - Enabled and selected. Click to activate.
- **Gray** - Disabled

FIG. 76

Image Counter

FIG. 77

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AccuTrack Image Control Panel Buttons

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BUTTONS	IMAGES PAGE	EVENTS PAGE	EXPANDED EVENT PAGE	SINGLE IMAGE PAGE	QUICK VIEWER PAGE
AccuTrack Image Control Panel					
	View images in the cart. (If there are no images in the cart, this button is disabled.)				
	Save images in the image cart to disk with the a digital signature that authenticates the image and associated data. (If there are no images in the image cart, this button is disabled.)				
	Get first frame	Get first event	Get first frame in event	Get first frame	Get first frame in the group
	Get previous frame	Get previous event	Get previous frame in the event	Get previous frame	Get previous image in the group
	Clear image cart (if enabled)	Clear image cart (if enabled)	Clear image cart (if enabled)	Clear image cart (if enabled)	Play (view images in current group) [1]
	(disabled)	(disabled)	(disabled)	Save comments	Stop
	Get next frame	Get next event	Get next frame in the event	Get next event	Get next image in the group
	Get last frame	Get last event	Get last frame in the event	Get last event	Get last image in the group

FIG. 78

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AccuTrack Image Control Panel Buttons (continued)

BUTTONS	IMAGES PAGE	EVENTS PAGE	EXPANDED EVENTS PAGE	SINGLE IMAGE PAGE	QUICK VIEWER PAGE
	Get previous set of 8 frames	Get previous set of 8 events	Get previous set of 8 frames in the event	Show events (if enabled)	Reverse frames
	Get next set of 8 frames	Get next set of 8 events	Get next set of 8 frames in the event	Show ATM visit (if enabled)	Forward frames
	View event images (first frame)	(disabled)	Return to events (up one level)	Return to the previous level	Get previous group
	Perform a new search	Perform a new search	Perform a new search	Check in or check out an image (toggle button) for the image cart	Get nextgroup
	Disabled	Disabled	Disabled	Print preview	Disabled
Image Counter (when Provide Count is selected and default filter conditions are modified on the Image Search page)	Displays the number of images that meet the search criteria	Displays the number of events that meet the search criteria	Displays the number of images in the event	Displays the number of images from the previous level (images page or expanded event page)	Displays the number of the current images in the current group
Image Counter (when Provide Count is not selected on the Image Search page)	Displays the number of images in the current cache [2]	Displays the number of events in the current cache [2]	Displays the number of images in the event	Displays the number of images from the previous level (images page or expanded event page)	Displays the number of the current images in the current group

FIG. 79

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AccuTrack Image Control Panel Buttons (continued)

BUTTON	IMAGES PAGE	EVENTS PAGE	EXPANDED EVENT PAGE	SINGLE IMAGE PAGE	QUICK VIEWER PAGE
◄	Select hours, minutes, and seconds, and the then click on this button to go backward the selected amount of time.				
►	Select hours, minutes, and seconds, and the then click on this button to go forward the selected amount of time.				

[1] To view an AVI clip from the Quick Viewer page, navigate to the AVI symbol and then click on the Launch AVI button.

[2] When you perform an image search, up to 100 images or events (as applicable) are cached to improve search results access times. When you do not select Provide Count on the Image Search page, the image counter displays information about the cached images or events.

FIG. 80

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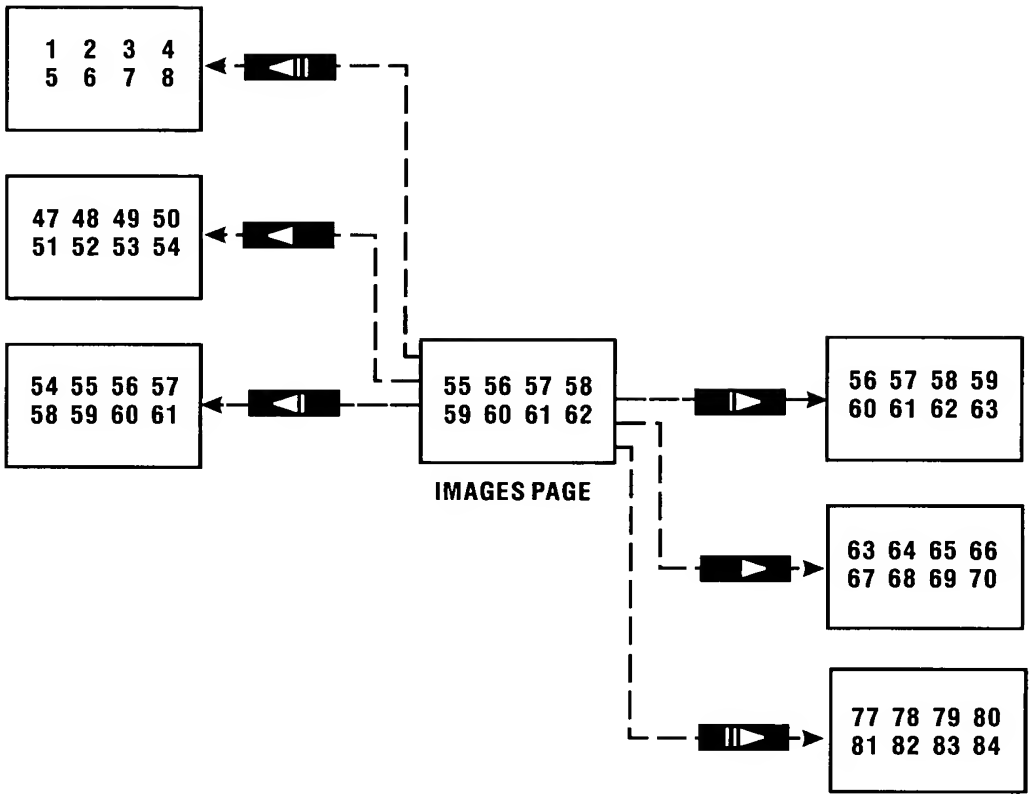

Note

- Rectangles represent the images pages.
- Numbers represent image numbers for the thumbnail images on the images page.
- The example shows a total of 84 images in the search results.

FIG. 81

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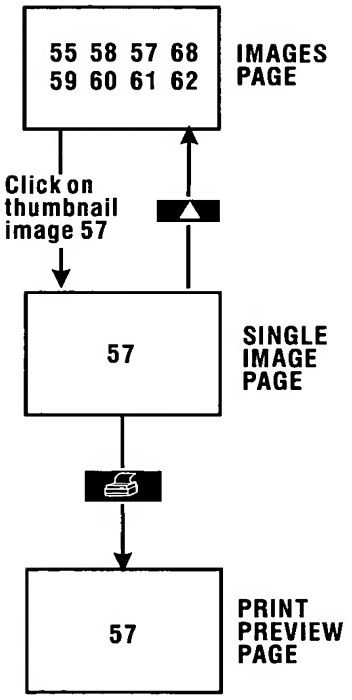

FIG. 82

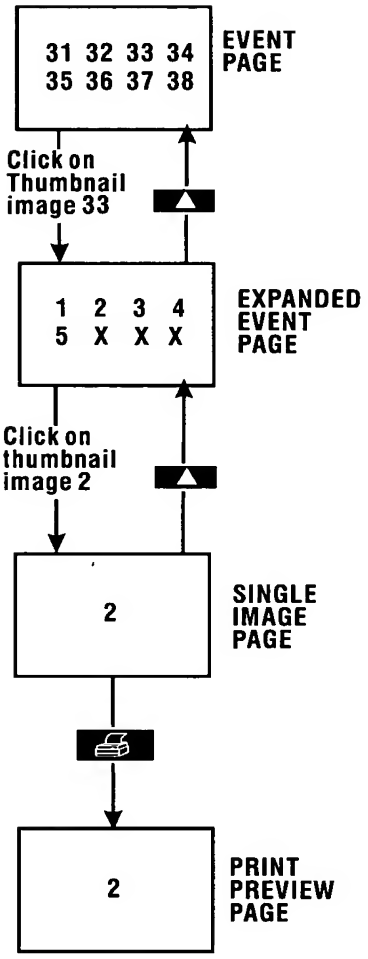

FIG. 83

Note

Rectangles represent search results pages.
Numbers represent event numbers or image numbers.
The example shows 5 images in event number 33.

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Image Cart Symbol

SYMBOL	IMAGES PAGE	EVENTS PAGE	EXPANDED EVENT PAGE	SINGLE IMAGE PAGE	SINGLE CART PAGE
Black image cart symbol	Image is not in the image cart. Click on the black image cart symbol to check out the image (add the image to the image cart).	Click on the black image cart symbol to check out all the images in the event (add the images to the image cart). [1]	Image is not in the image cart. Click on the black image cart symbol to check out the image (add the image to the image cart).	..[2]	Image is not in the image cart. [3] Click on the black image cart symbol to check out the image (add the image to the image cart).
Red image cart symbol	Image is in the image cart. Click on the red image cart symbol to check in the image (remove the image from the image cart).	(does not display)	Image is in the image cart. Click on the red image cart symbol to check in the image (remove the image from the image cart).	..[2]	Image is in the image cart. [3] Click on the red image cart symbol to check in the image (remove the image from the image cart).

[1] On the events page, the color on the image cart symbol is not significant.

[2] The image cart symbol does not display on the single image page. If the image is in the image cart, *Image Checked Out* displays in red italics with the displayed data.

[3] On the image cart page, all images initially display with the red image cart symbols. If you click on a red image cart symbol on the image cart page, the symbol changes to black and the image is removed from the image cart. The image continues to display on the image cart page until you re-access the page.

FIG. 84

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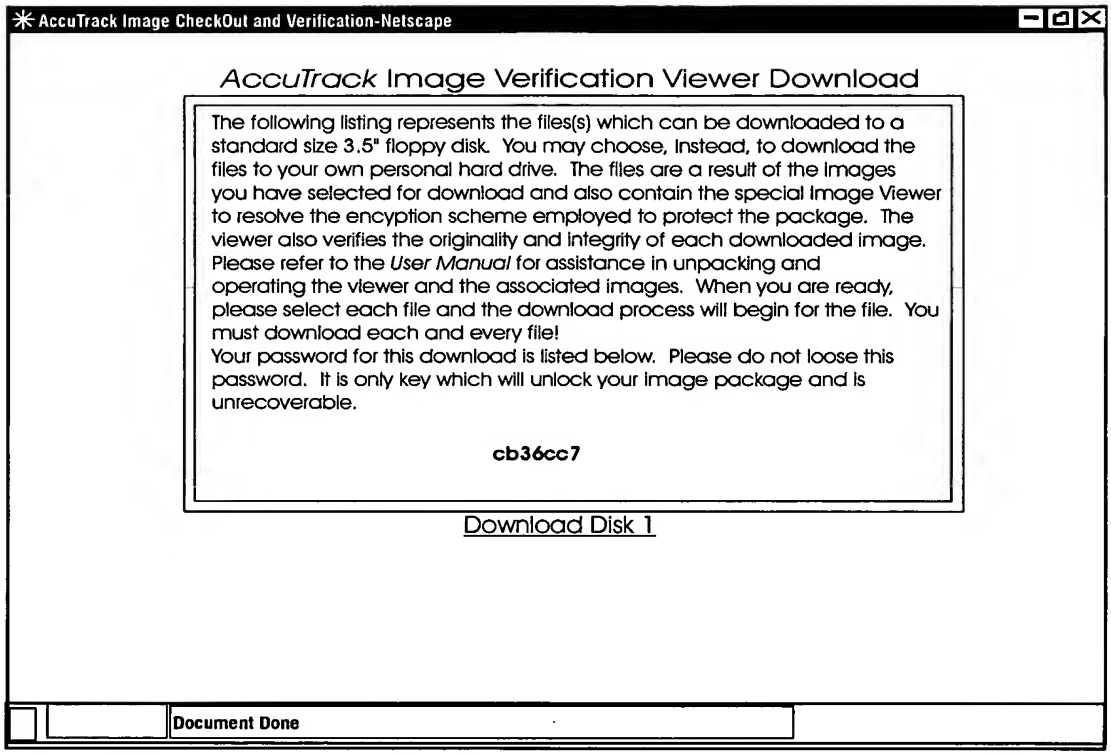

FIG. 85